



Technical Memorandum

To: Karen Jurist; EPA Region 9
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Date: April 27, 2018
Subject: Groundwater Monitoring and Sampling Results for 2016 and 2017, Jervis B. Webb Company Superfund Site, South Gate, Los Angeles County, California
Contract / TO: EP-S9-08-03/TO 0071 **Gilbane DCN:** 07163.0072.0048

1.0 Introduction

This technical memorandum (TM) presents the results of groundwater investigation activities conducted in 2016 and 2017 as part of the ongoing Remedial Investigation (RI) for the Jervis B. Webb Company Superfund Site (JW Superfund Site or Site), South Gate, Los Angeles County, California. Gilbane conducted and implemented these groundwater investigation activities in accordance with the *Final Sampling and Analysis Plan, Remedial Investigation/Feasibility Study, Jervis B. Webb Company Superfund Site, South Gate, Los Angeles County, California* (JW Final SAP; Gilbane, 2015a). Based on the scope of work, the purpose of the groundwater portion of the RI was to characterize the extent and concentrations of volatile organic compounds (VOCs) in the JW Superfund Site plume, and to evaluate potential commingling with the Cooper Drum Superfund Site plume and the Southern Avenue Industrial Area (SAIA) Superfund Site plume. The scope of this TM is more limited than the RI; thus the TM does not address all aspects of the goals of the RI, which require additional elements not presented here (e.g., analytical data from wells downgradient of the SAIA Site, quantification of flow velocities, contaminant molar ratios). We will fully evaluate the RI goals in the upcoming RI report.

The JW Superfund Site properties include two adjacent parcels: 5030 Firestone Boulevard (Firestone parcel) and 9301 Rayo Avenue (Rayo parcel). Initial soil and groundwater investigations in the late 1990s, directed by the Los Angeles Regional Water Quality Control Board (LA-RWQCB) and conducted by the Jervis B. Webb Company, identified a source of VOCs in soil and groundwater at the Firestone parcel (Erler & Kalinowski, 1998a and 1998b; see **Figure 1**).

The groundwater contamination investigation portion of the RI for the Site included cone penetrometer testing (CPT), groundwater sample collection and analysis, and monitoring well installations. As part of these RI activities in 2013 and 2015, Gilbane conducted CPT profiling and depth-discrete groundwater sampling at 18 locations (JW-CPT01 through JW-CPT18; **Figure 1**), and summarized the findings in *Technical Memorandum, Depth-Discrete Groundwater Sampling Results 2013 and 2015, Jervis B. Webb Company Superfund Site, South Gate, Los Angeles County, CA* (Gilbane, 2016). Gilbane has also sampled and analyzed subsurface soil and soil vapor (Gilbane, 2015c), and indoor and ambient air (in preparation). Gilbane subsequently used the available environmental data to refine the site conceptual model and to select locations for the additional CPT borings and monitoring wells that we report in this document.

2.0 Geologic and Hydrogeologic Conditions

The regional geologic and hydrogeologic conditions at the JW Superfund Site, which includes—from shallowest to deepest—the Bellflower Aquiclude, the Gaspur Aquifer, and the Exposition Aquifer, are summarized briefly below.

- The Bellflower Aquiclude consists of fine-grained sediments (silts and clays; California Department of Water Resources [DWR], 1961) and extends from ground surface to approximately 60 feet below ground surface (bgs).
 - A contiguous, permeable silty sand layer between 32 feet and 40 feet bgs within the Aquiclude contains perched groundwater except during drought years.
 - The Bellflower Aquiclude extends across the Site and neighboring Superfund sites (e.g., Cooper Drum, SAIA).
- The Gaspur Aquifer is composed of alluvial sands, gravels, silts, and some clays (DWR, 1961) and extends from 60 feet to approximately 120 feet bgs near the JW Superfund Site.
 - The potentiometric groundwater surface ranges from approximately 50 to 70 feet bgs. Groundwater flow direction is southeasterly.
 - The northeastern extent of the Gaspur Aquifer is in the vicinity of Firestone Boulevard and the Los Angeles River, approximately 500 feet northeast of the Site properties (DWR, 1961).
- The Exposition Aquifer is composed of alluvial coarse gravels, sands, silts, and clays, and extends from approximately 120 feet to 280-300 feet bgs near the JW Superfund Site.

- Based on the two Site monitoring wells screened exclusively in this unit (JWMW-10 and JWMW-12), the potentiometric surface of the Exposition Aquifer is approximately 65 to 70 feet bgs.
- Based on an assessment of regional water-level data, the Water Replenishment District of Southern California (2015) determined that the groundwater flow direction in the Exposition Aquifer near the Site is south to southwest.
- The Exposition and Gaspur Aquifers are generally separated by a low-permeability silt and clay layer. Based on Gilbane's assessment of data collected in May 2017 from the two locations that each have a lower Gaspur Aquifer well and a co-located well screened only in the Exposition Aquifer (well pairs JWMW-9C/JWMW-10 and JWMW-11C/JWMW-12), downward vertical hydraulic gradients of 0.207 and 0.069 feet per foot are present between these two aquifers at these two locations.

3.0 Background

Groundwater contamination in the Gaspur Aquifer at the Site was reported by Erler & Kalinowski (1998a), who postulated that it originated from historical operations associated with the JW Superfund Site. Groundwater contamination was also reported at the nearby SAIA Superfund Site by Weston Solutions (2003), and at the Cooper Drum Superfund Site by Bechtel (1997). Initial environmental investigations conducted on and downgradient from these sites by URS (2002; Figure 4-7 therein) and Weston (2003) identified the presence of potentially commingling VOC plumes in groundwater at the three sites. Based on groundwater potentiometric maps developed by Gilbane and presented for the Gaspur Aquifer in this technical memorandum (Figures 2 through 4), the JW Superfund Site is hydraulically upgradient from the SAIA Superfund Site and, to a lesser extent, the Cooper Drum Superfund Site. These three sites have a similar assemblage of chlorinated VOCs (primarily trichloroethene [TCE] and cis-1,2-dichloroethene [cis-1,2-DCE]). Contaminant source areas for the three sites are portrayed on Figure 1.

In 1998, Jervis B. Webb Company installed five monitoring wells (JWMW-01 through JWMW-05) within the shallow Gaspur Aquifer on the Site properties (**Figure 1**) with oversight conducted by the LA-RWQCB. Groundwater analytical data from samples collected from these wells starting in 1998 indicated TCE concentrations ranging up to 28,000 micrograms per liter (ug/L) at well JWMW-01, with lower concentrations of other chlorinated VOCs, in a well in the southeastern part of the Firestone parcel (Erler & Kalinowski, 1998a). Soil sample analytical

data collected by Erler & Kalinowski (1998b) in the same year reported the presence of TCE at concentrations up to 270 milligrams per kilogram (mg/kg). These analytical results indicated a likely VOC contaminant source area to soil and shallow groundwater in the immediate vicinity of well JWMW-01 (Erler & Kalinowski, 1998b). A more detailed historical background for the JW Superfund Site was presented in the technical memorandum summarizing previous CPT work (Gilbane, 2016).

4.0 Cone Penetrometer Testing/Hydropunch Activities

In 2013 and 2015 Gilbane completed 18 CPT borings (JW-CPT01 through JW-CPT18) to characterize stratigraphy and to collect discrete-depth (grab) groundwater samples (Gilbane, 2016). On August 16, 2016, Gilbane completed one additional CPT borehole (JW-CPT20) to fill a data gap for the downgradient extent of the JW Superfund Site VOC plume between locations JW-CPT14 and JW-CPT15 (**Figure 1**). Originally, CPT/HydropunchTM groundwater sampling was proposed at two locations, JW-CPT19 and JW-CPT20; however, due to drilling interference from multiple utility lines, only JW-CPT20 could be completed. During all three CPT efforts (2013, 2015, and 2016), drought conditions prevented the collection of shallow groundwater samples. Consequently, Gilbane was only able to collect grab groundwater samples from depths greater than 55 feet bgs.

The JW-CPT20 log is included in **Attachment 1**. The JW-CPT20 HydropunchTM groundwater sample results from 2016 as well as earlier HydropunchTM groundwater sample results (from 2013 and 2015) are presented in **Table 2**.

The Gilbane field team collected and processed all groundwater samples (both grab samples and monitoring well samples) in accordance with the sample collection, preservation, and chain-of-custody procedures specified in the JW Final SAP (Gilbane, 2015a). The field team submitted the samples to an EPA CLP Laboratory for analysis by CLP SOM02.2 trace volatile method for VOCs, and by CLP SOM01.2 semivolatile organic analysis (SVOL) selected ion monitoring method (for 1,4-dioxane [1,4-D] only).

Gilbane performed Tier 1B data validation on the environmental sampling analytical results reported in this technical memorandum, and also completed a Tier 3 data validation on at least

10% of the analytical sampling data associated with these field events. We will provide the data validation reports in the RI report. Further details regarding sample collection, analytical, and quality-control requirements are presented in the JW Final SAP (Gilbane, 2015a).

5.0 Findings of the Groundwater Investigation

Gilbane conducted groundwater monitoring well installation in 2016 and 2017, completing five cluster wells in the Gaspur Aquifer (JWMW-6A/B/C, JWMW-07A/B/C, JWMW-08A/B/C, JWMW-09A/B/C, and JWMW-11A/B/C) and two single wells in the Exposition Aquifer (JWMW-10 and JWMW-12) in October 2016; and one cluster well in the Gaspur Aquifer (JWMW-13A/B/C) in April 2017. Site monitoring well locations are shown on **Figure 1**. The as-built diagrams for these monitoring wells and the CPT log for CPT boring JW-CPT20 advanced in 2016 are included in **Attachment 1**. As described further below, Gilbane completed groundwater elevation measurements and sampling from all site wells in November 2016 and May 2017. For the discussions in sections 5.1 and 5.2, we divide the Gaspur Aquifer into shallow, intermediate, and lower units), which is consistent with the evaluations conducted by others (see Section 3) for the SAIA and Cooper Drum sites. We also use the groundwater analytical results from the 2013 and 2015 grab groundwater samples (Gilbane, 2016) to more fully characterize the concentrations and extent of VOCs in groundwater at and near the Site (see Section 5.2).

5.1 Groundwater Elevations

Groundwater elevation measurements from Gilbane's December 2016 and May 2017 monitoring events are presented in **Table 1**. Groundwater elevations and contours for the shallow, intermediate, and lower portions of the Gaspur Aquifer and for the Exposition Aquifer are shown on **Figure 2**, **Figure 3**, **Figure 4**, and **Figure 5**, respectively. Groundwater elevations measured from monitoring wells within the shallow and intermediate portions of the Gaspur Aquifer are generally higher in the north and lower in the south, supporting a hydraulic gradient of approximately 0.005 feet per foot and a southeasterly groundwater flow direction (Figure 2 and Figure 3). However, there is an insufficient number of monitoring wells to resolve apparent irregularities in groundwater elevations in the lower Gaspur and Exposition Aquifers to support a similar hydraulic gradient assessment; thus, groundwater elevation contours are not presented for

these lower water-bearing units. Groundwater elevations measured in wells screened in the shallow, intermediate, and lower portions of the Gaspur Aquifer are higher than those measured in wells screened in the Exposition Aquifer, indicating a downward vertical gradient (see Section 2.0).

5.2 Groundwater Contaminant Plume

We present groundwater analytical sampling results from Gilbane's 2013, 2015, and 2016 CPT investigations in **Table 2**, and we present results from Gilbane's 2016 and 2017 monitoring well sampling events in **Table 3**. We also present analytical results for selected CPT and monitoring well groundwater samples collected from the nearby sites (SAIA samples collected by Gilbane in 2016, and Cooper Drum samples collected by Haley and Aldrich in 2017 [also see Attachment 2]) in these tables. Detections of VOCs at concentrations greater than their respective California Division of Drinking Water maximum contaminant levels (MCLs) or notification levels (NLs) are bolded and highlighted in the tables.

On Figures 6 through 13, we present regional groundwater contamination concentrations and isopleths for two of the most widespread Site contaminants, trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE). The analytical data presented on these figures are based on the Site CPT and monitoring well groundwater sampling analytical data collected since 2013. For the monitoring wells, we display the most-recent analytical data from the Site (the May 2017 sampling event) on these figures, along with the most-recent analytical data for the SAIA and Cooper Drum sites, as outlined in the preceding paragraph.

5.2.1 Shallow Gaspur Aquifer

TCE and cis-1,2-DCE

The shallow Gaspur Aquifer monitoring network consists of upgradient well JWMW06A to the northwest; on-property monitoring wells JWMW-01 through JWMW-05 and JWMW-09A; cross-gradient monitoring wells JWMW-07A and JWMW-08A, to the north and east; and downgradient monitoring wells JWMW-11A and JWMW-13A, and SAIA monitoring wells SAIA-MW1A and SAIA-MW2A (Figure 6). The extent of TCE groundwater contamination to

the north, east, and west is further represented by 2013 and 2015 grab groundwater analytical data collected by Gilbane from a number of CPT sampling locations.

The TCE and cis-1,2-DCE isoconcentration contours are shown on **Figure 6** and **Figure 7**, respectively. The highest detection of TCE, at 25,000 ug/L, was reported for a 2017 sample from on-property well JWMW-01. TCE concentrations have remained consistent at this source-area location since groundwater sampling began in 1998 (e.g., Brown and Caldwell, 2003; this study). Our assessment of the analytical sampling results collected since 1998 indicates an order of magnitude decrease in TCE concentrations in several other on-property wells (JWMW-02, JWMW-03, JWMW-05). However, TCE concentrations in the farthest-downgradient on-property well, JWMW-04, have increased by more than two orders of magnitude—from 6.7 ug/L in 1998 to 1,100 ug/L in 2017.

The extent of the Site TCE plume is undefined west of well JWMW-03, but this well appears to be west of the axis of peak concentrations within the plume; it appears that contaminant concentrations likely decline farther west of this location. In the downgradient part of the plume, the 2016 and 2017 groundwater analytical sampling results reported low detections of TCE (4.6 to 21 ug/L) contamination in JWMW-11A at the ELG Metals facility, approximately 1,200 feet south of the contaminant source area on the Site property.

The cis-1,2-DCE isoconcentration contours shown on Figure 7 exhibit shapes that are generally similar to the contours for TCE (Figure 6), consistent with the fact that cis-1,2-DCE is a common by-product of TCE degradation. The highest concentration of cis-1,2-DCE in the shallow Gaspur Aquifer reported for this study, 3,400 ug/L, was in the 2016 analytical result for downgradient on-property monitoring well JWMW-09A.

Other Contaminants

Other contaminants reported in analytical sampling results at concentrations greater than MCLs or NLs include the VOCs 1,1-DCE, trans-1,2-DCE, vinyl chloride, 1,1-dichloroethane (1,1-DCA), 1,2-DCA, and tetrachloroethene (PCE), and the semivolatile organic compound (SVOC) 1,4-dioxane. While groundwater analyses for most of these contaminants reported results exceeding MCLs in the same set of wells and CPTs where TCE and cis-1,2-DCE exceeded

MCLs, the distribution of 1,2-DCA differs from that of the other contaminants. 1,2-DCA analytical results exceeded the MCL at three cross-gradient locations (JW-CPT09, JW-CPT16, JWMW13A) that did not have MCL exceedances for any other contaminants in the shallow Gaspur Aquifer (Tables 2 and 3).

5.2.2 Intermediate Gaspur Aquifer

TCE and cis-1,2-DCE

The TCE and cis-1,2-DCE isoconcentration contours for the intermediate Gaspur Aquifer, shown on Figures 8 and 9, respectively, are based on the 2017 groundwater well analytical sampling results and on CPT grab groundwater analytical sampling results performed for the JW Superfund Site since 2013. In general, analytical sampling results from on-property (and near-property) locations reported somewhat lower concentrations of TCE and cis-1,2-DCE in the intermediate Gaspur Aquifer than in the shallow Gaspur Aquifer.

The highest analytical result for TCE reported from the intermediate Gaspur from an on-property location for this study was 23 ug/L at JW-CPT01 in 2013. The highest such concentration of TCE at an off-property location was 42 ug/L at JWMW-11B (on the ELG Metals property) in 2017.

For cis-1,2-DCE, groundwater analytical results reported concentration of cis-1,2-DCE at up to 19 ug/L, from on-property well JWMW-09B in 2017. The highest reported concentration of cis-1,2-DCE in groundwater analytical sampling results from an off-property location was 17,000 ug/L in well JWMW-11B (ELG Metals property) in 2017. Upgradient (northwest) from the Site properties, groundwater analytical sampling results from 2016 and 2017 reported concentrations of TCE and cis-1,2-DCE up to 1.6 ug/L and 3.2 ug/L, respectively, at the northernmost off-property monitoring well location, JWMW-06B along Firestone Boulevard.

Other Contaminants

Other VOCs and SVOCs reported above the respective MCLs or NLs in 2013 to 2017 analytical sampling results (both CPT and well locations) include 1,1-DCE, trans-1,2-DCE, 1,1-DCA, 1,2 DCA, 1,2,3-trichloropropene (1,2,3-TCP), benzene, and the SVOC 1,4-dioxane. MCL

exceedances of these compounds are associated primarily with locations where TCE and cis-1,2-DCE analyses were also reported at concentrations greater than MCLs.

As noted in the previous section for the shallow Gaspur Aquifer, the analytical results reported for 1,2-DCA in the intermediate Gaspur Aquifer differ significantly from those for all the other listed contaminants. 1,2-DCA results exceeded the MCL at eight CPT and three well locations that did not detect MCL exceedances for any other compounds (at JW-CPT07 through JW-CPT11, JW-CPT13, JW-CPT16, JW-CPT18; JWMW-07B, JWMW-08B, and JWMW-13B) (Tables 2 and 3).

5.2.3 Lower Gaspur Aquifer

TCE and cis-1,2-DCE

The TCE and 1,2-cis-DCE isoconcentration contours for the lower Gaspur Aquifer, shown on Figures 10 and 11, respectively, are based on the 2017 groundwater well analytical sampling results and on CPT grab groundwater analytical sampling results from the Site since 2013. Analytical sampling results from on-property locations reported low or non-detect concentrations of TCE and cis-1,2-DCE in the lower Gaspur Aquifer, with none of the results exceeding MCLs.

The highest reported concentrations of TCE and cis-1,2-DCE in the lower Gaspur Aquifer, at 410 ug/L and 960 ug/L, respectively, were from 2013 grab groundwater analytical results from a sample collected at 100 feet bgs at SAIA-HP18, located approximately 500 feet downgradient from the Site property (and north [upgradient] of SAIA). At nearby monitoring well JWMW-11C, the groundwater analytical sampling results for TCE and cis-1,2-DCE were much lower, at 0.99 ug/L and 18 ug/L, respectively. These results reflected samples collected 18 to 28 feet deeper in the lower Gaspur Aquifer than the SAIA-HP18 sample, because this well location is screened from 118 to 128 feet bgs (this is in the interface zone between the lower Gaspur Aquifer and the Exposition Aquifer). The large difference between results reported for SAIA-HP18 and nearby well JWMW-11C likely indicates that the main mass of the plume is shallower than the JWMW-11C interval. We will explore this topic in greater detail in the RI report.

Other Contaminants

Other contaminants reported at concentrations greater than respective MCLs or NLs in 2016 and 2017 analytical sampling results include the VOCs 1,1-DCE, trans-1,2-DCE, 1,1-DCA, 1,2-DCA, and 1,2,3-TCP, and the SVOC 1,4-dioxane. As discussed above for the shallow and intermediate Gaspur Aquifer groundwater samples, analytical results for these compounds, with the exception of 1,2-DCA, were reported above MCLs almost exclusively at locations within the TCE and cis-1,2-DCE plumes. Analytical groundwater sampling results for 1,2-DCA exceeded the MCL at 14 lower Gaspur locations that did not report exceedances for any other contaminants (see highlighted 1,2-DCA values in Tables 2 and 3). The occurrence of 1,2-DCA at concentrations greater than the MCL at locations cross-gradient, upgradient, and below the other Site-related contaminant exceedances likely indicates a separate contaminant source for this compound, unrelated to the known contaminant source area on the Firestone parcel of the Site property.

5.2.4 Exposition Aquifer

TCE and cis-1,2-DCE

The TCE and 1,2-cis-DCE isoconcentration contours for the Exposition Aquifer, shown on Figures 12 and 13, respectively, are based on the 2017 groundwater well analytical sampling results and on CPT grab groundwater analytical sampling results collected at the Site since 2013. Analytical sampling results from on-property locations have reported low or non-detect concentrations of TCE and cis-1,2-DCE in the Exposition Aquifer, with none of the results exceeding MCLs.

The only groundwater analytical concentrations of TCE and cis-1,2-DCE in the Exposition Aquifer at levels above MCLs were reported from off-property wells JWMW-12 (cis-1,2-DCE only) and SAIA-MW7 (TCE and cis-1,2-DCE). For cis-1,2-DCE, it appears that these detections may be contiguous with concentrations in the overlying lower Gaspur Aquifer, at nearby wells JWMW-11C, SAIA-MW1C, and SAIA-MW2C (Figure 11). This may also be the case for TCE. The downgradient distribution of contamination within the lower aquifer units, plume fate and transport, and possible commingling of the Site VOC plume with neighboring plumes, will be explored in greater detail in the RI report using a wider data set (i.e., other SAIA wells).

Other Contaminants

Other than TCE and cis-1,2-DCE, the only contaminants in Exposition Aquifer samples reported at concentrations greater than MCLs were 1,2-DCA and 1,4-dioxane. 1,4-Dioxane concentration exceeded the MCL at only one well (JWMW-12), where the cis-1,2-DCE concentration also was reported above the MCL. Similar to the shallower units, it appears that 1,4-dioxane generally follows the distribution of the major contaminants cis-1,2-DCE and TCE.

In groundwater analytical samples from the Exposition Aquifer, 1,2-DCA has a distribution distinct from that of the other contaminants. The analytical results for 1,2-DCA exceeded the MCL at five locations, and four of these (JW-CPT05, JW-CPT07, JW-CPT18, and JWMW-10) had no exceedances for the other contaminants.

6.0 Conclusions and Recommendations

This section presents our conclusions and recommendations based on analytical data collected from the 2016 and 2017 groundwater investigation, supplemented by analytical data from grab groundwater samples collected for the 2013 and 2015 CPT work. The purpose of the groundwater investigation activities was to characterize the extent of the JW Superfund Site VOC plume, and to evaluate potential commingling of this plume with the Cooper Drum Superfund Site plume and the SAIA Superfund Site plume. The goal of defining the plume's nature and extent was largely achieved, while the broader goals of assessing plume fate and transport and potential commingling of the Site plume with other area plumes will be addressed in the RI report, because more rigorous data evaluation is needed to fully assess plume fate and transport and the degree of possible commingling with other area plumes. This evaluation is the focus of the upcoming RI Report.

Jervis B. Webb Company Superfund Site Plume

- Historical investigations at the Jervis B. Webb Company property revealed soil and groundwater analyses at concentrations indicative of a VOC contaminant source in the southeastern part of the Firestone parcel, in an area of approximately 60 by 80 feet (Figure 1).
- High concentrations of VOCs (>1,000 ug/L) were reported in analyses of groundwater samples from four on-property wells (JWMW-01, JWMW-04, JWMW-05, and JWMW-09A), and in off-property well JWMW-11B. Groundwater contaminants that exceeded

MCLs at two or more locations were the VOCs TCE, cis-1,2-DCE, 1,1-DCE, trans-1,2-DCE, vinyl chloride, 1,1-DCA, 1,2-DCA, 1,2,3-TCP, and benzene and the SVOC 1,4-dioxane. Except for 1,2-DCA (discussed in a separate conclusion below), these contaminants delineate a mappable coherent plume (the Site VOC plume) downgradient from the southeastern corner of the Firestone parcel (the contaminant source area). TCE and cis-1,2-DCE were commonly present at the highest concentrations and were the most widespread contaminants of the VOC plume, and were used to create contour maps of the plume.

- The presence of VOCs in the Firestone parcel and extending downgradient along the length of the Rayo Parcel and available water level data from the site indicates that the Site VOC plume is migrating south-southeast consistent with Site hydraulic gradients. High contaminant concentrations are present in the shallow Gaspur Aquifer (e.g., TCE up to 25,000 ug/L at JWMW-01) and the intermediate Gaspur Aquifer (cis-1,2-DCE up to 17,000 ug/L at JWMW-11B), spanning the distance from the contaminant source to the farthest-downgradient monitoring well that was installed for this investigation. Thus, the Site VOC plume extends at least to the ELG Metals property, a distance of at least 1,200 feet from the contaminant source area on the Firestone parcel of the property; the plume is approximately 500 feet wide.
- As the Site VOC plume proceeds downgradient, it gradually migrates downward, responding to vertical hydraulic gradients, such that the main mass of the plume transitions from the shallow Gaspur Aquifer near the contaminant source area on the Firestone parcel, to the intermediate and lower portions of the Gaspur Aquifer near the southernmost wells installed for this investigation (JWMW-11A/B/C and JWMW-12), in the southern portion of the ELG Metals facility.
- A short distance downgradient (south) of the southern part of the ELG Metals facility, analytical results for several wells on the SAIA property (SAIA-MW1C and SAIA-MW2C) indicate elevated concentrations of cis-1,2-DCE in the lower Gaspur Aquifer, consistent with migration from the Site VOC plume (VOC contamination also originates from SAIA, but it appears to be largely limited to the shallow Gaspur Aquifer). Thus, the downgradient extent of the Site VOC plume is not defined. It is also likely that the Site VOC plume commingles with contamination from the SAIA VOC plume, as both plumes migrate downgradient from the SAIA property. A more rigorous assessment of site data in addition to evaluation of data from other SAIA wells – which will allow assessment of vertical migration, fate and transport, and commingling of the Site and SAIA VOC plumes - is beyond the scope of this TM, and will be presented in the RI report.
- While the center of mass of the Site VOC plume has migrated down to the intermediate and lower portions of the Gaspur Aquifer in the downgradient areas noted above, concentrations of contaminants are also present in a few wells in the underlying Exposition Aquifer at levels that slightly exceed MCLs.
- North of the Site properties, concentrations of VOCs greater than MCLs (up to 200 ug/L of TCE and 52 ug/L cis-1,2-DCE at JWMW-07A) are locally present in the shallow Gaspur Aquifer. However, this area is a short distance cross-gradient (east-northeast) from the Site property, and it is possible that VOC contamination there may have

originated from operations at the Jervis B. Webb Company. This is supported by the fact that the proportions of VOCs in well JWMW-07A and the nearest on-property well (JWMW-02) are similar.

- 1,2-DCA has a distribution different from that of all the other contaminants, exceeding the MCL at locations cross-gradient, upgradient, and below the Site VOC plume. Thus the source of 1,2-DCA does not appear to be related to operations conducted on the Jervis B. Webb Company property.

Based on these conclusions, there are two minor data gaps that should be addressed to fully characterize the extent of the Site VOC plume. The two data gaps are:

- The upgradient area northwest of well JWMW-07A: one CPT boring and/or one monitoring well should be installed northwest of this well to confirm whether the TCE impacts in the shallow zone at JWMW-07A are associated with the Site VOC plume or other sources to the north.
- Plume definition in the Exposition Aquifer in the southernmost portion of the ELG Metals facility and/or northern portion of the adjoining SAIA Superfund Site property to the south: one well should be installed near the plume's centerline, to a depth greater than 150 feet bgs, to define the vertical extent of cis-1,2-DCE contamination in the Exposition Aquifer.

These gaps are relatively minor in the context of the Site VOC plume, and do not preclude proceeding with completion of a comprehensive RI report that addresses the project goals.

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Technical Memorandum (Continued)

Groundwater Monitoring and Sampling Results, 2016 and 2017
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Table 1
Groundwater Elevation Measurement
Jervis B. Webb Company Superfund Site, South Gate, California

Location ID	Top of Casing	Water Level Measurement Date	Depth to Water from TOC (feet)	Groundwater Elevation (feet MSL)
JWMW-01	108.04	05/05/2017	61.49	46.6
JWMW-02	108.6	05/05/2017	61.15	47.5
JWMW-03	107.82	05/05/2017	60.22	47.6
JWMW-04	106.67	12/02/2016	60.8	45.9
	106.67	05/05/2017	61.47	45.2
JWMW-05	108.08	12/02/2016	61.3	46.8
	108.08	05/05/2017	61.68	46.4
JWMW-06A	112.3	12/02/2016	62.36	49.94
	112.3	05/05/2017	62.89	49.41
JWMW-06B	112.19	12/02/2016	62.95	49.24
	112.19	05/05/2017	63.62	48.57
JWMW-06C	112.21	12/02/2016	64.21	48
	112.21	05/05/2017	64.7	47.51
JWMW-07A	111.6	12/02/2016	63.3	48.3
	111.6	05/05/2017	64.1	47.5
JWMW-07B	111.58	12/02/2016	63.37	48.21
	111.58	05/05/2017	64.3	47.28
JWMW-07C	111.59	12/02/2016	66.17	45.42
	111.59	05/05/2017	66.88	44.71
JWMW-08A	105.13	12/02/2016	58.89	46.24
	105.13	05/05/2017	59.59	45.54
JWMW-08B	105.12	12/02/2016	59.2	45.92
	105.12	05/05/2017	60.48	44.64
JWMW-08C	105.15	12/02/2016	68.21	36.94
	105.15	05/05/2017	68.69	36.46
JWMW-09A	106.69	12/02/2016	60.79	45.9
	106.69	05/05/2017	61.58	45.11
JWMW-09B	106.79	12/02/2016	61.72	45.07
	106.79	05/05/2017	62.45	44.34
JWMW-09C	106.42	12/02/2016	62.7	43.72
	106.42	05/05/2017	63.38	43.04
JWMW-10	106.5	12/02/2016	69.6	36.9
	106.5	05/05/2017	70.01	36.49

Table 1
Groundwater Elevation Measurement
Jervis B. Webb Company Superfund Site, South Gate, California

Location ID	Top of Casing	Water Level Measurement Date	Depth to Water from TOC (feet)	Groundwater Elevation (feet MSL)
JWMW-11A	105.35	12/02/2016	61.21	44.14
	105.35	05/05/2017	61.88	43.47
JWMW-11B	105.54	12/02/2016	61.53	44.01
	105.54	05/05/2017	62.15	43.39
JWMW-11C	105.44	12/02/2016	68.35	37.09
	105.44	05/05/2017	68.87	36.57
JWMW-12	105.46	12/02/2016	68.6	36.86
	105.46	05/05/2017	69.92	35.54
JWMW-13A	103.92	05/05/2017	60.87	43.05
JWMW-13B	104.02	05/05/2017	60.9	43.12
JWMW-13C	104.05	05/05/2017	67.46	36.59

MSL - Mean Sea Level

TOC - Top-of-casing

Table 2
HydroPunch Groundwater Sample Results for VOCs and SVOCs, 2013, 2015, and 2016
Jervis B. Webb Company Superfund Site, South Gate, California

Location	Aquifer	Sample Date	Sample Type	Sample Depth (bgs)	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	1,2-Dichloropropane	1,4-Dioxane (p-Dioxane)	1,2,3-Trichloropropane	Toluene
Onsite																	
JW-CPT01	Shallow Gaspur	03/27/2013	N	66	3.9 J	3,300	59	<25	7.4 J	<25	16 J	<25	<25	<25	32	<25	<25
JW-CPT01	Shallow Gaspur	03/27/2013	FD	66	3.6 J	3,200	58	<25	7.3 J	<25	15 J	<25	<25	<25	33	<25	<25
JW-CPT01	Intermediate Gaspur	03/27/2013	N	90	0.19 J	23	0.18 J	<0.5	<0.5	<0.5	0.054 J	2.3	<0.5	<0.5	<0.5	0.13 J	<0.5
JW-CPT01	Lower Gaspur	03/27/2013	N	104	<0.5	3.7	0.2 J	<0.5	<0.5	<0.5	<0.5	4.8	0.29 J	<0.5	0.52	0.15 J	<0.5
JW-CPT01	Exposition Aquifer	03/27/2013	N	125	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	0.25 J	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT02	Shallow Gaspur	03/26/2013	N	64	<50	5,000 J	170	<50	16 J	<50	17 J	<50	<50	<50	34	<50	<50
JW-CPT02	Intermediate Gaspur	03/26/2013	N	80	<0.5	11	0.34 J	<0.5	<0.5	<0.5	<0.5	0.082 J	<0.5	<0.5	0.81	<0.5	0.11 J
JW-CPT02	Intermediate Gaspur	03/26/2013	N	100	<0.5	4	0.49 J	<0.5	<0.5	<0.5	<0.5	4.8	<0.5	<0.5	<0.5	0.14 J	0.084 J
JW-CPT02	Lower Gaspur	03/26/2013	N	124	<0.5	0.31 J	<0.5	<0.5	<0.5	<0.5	<0.5	0.25 J	<0.5	<0.5	<0.5	<0.5	0.065 J
JW-CPT03	Shallow Gaspur	03/25/2013	N	66	<20	1,100	190	<20	13 J	<20	6 J	<20	<20	<20	12	<20	<20
JW-CPT03	Shallow Gaspur	03/25/2013	FD	66	<20	1,200	200	<20	14 J	<20	5.9 J	<20	<20	<20	11	<20	<20
JW-CPT03	Intermediate Gaspur	03/25/2013	N	86	<0.5	2	0.43 J	<0.5	<0.5	<0.5	<0.5	0.26 J	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT03	Lower Gaspur	03/25/2013	N	99	<0.5	0.23 J	0.12 J	<0.5	<0.5	0.072 J	<0.5	2.7	0.32 J	0.16 J	<0.5	0.21 J	<0.5
JW-CPT03	Exposition Aquifer	03/25/2013	N	132	<0.5	1.9	0.39 J	<0.5	<0.5	<0.5	<0.5	0.34 J	<0.5	<0.5	<0.5	<0.5	<0.5
Offsite																	
JW-CPT04	Shallow Gaspur	06/15/2015	N	68	<0.5	1.2	2.1	<0.5	<0.5	<0.5	<0.5	2	<0.5	<0.5	7.9 J	<0.5	<0.5
JW-CPT04	Shallow Gaspur	06/15/2015	FD	69	<0.5	0.82	1.8	<0.5	<0.5	<0.5	<0.5	1.6	<0.5	<0.5	6	<0.5	<0.5
JW-CPT04	Intermediate Gaspur	06/16/2015	N	84	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT04	Lower Gaspur	06/16/2015	N	96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT04	Exposition Aquifer	06/16/2015	N	132	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT05	Shallow Gaspur	06/16/2015	N	69	<0.5	6.8	0.71	3.8	<0.5	<0.5	2.8	<0.5	<0.5	<0.5	16	<0.5	<0.5
JW-CPT05	Intermediate Gaspur	06/16/2015	N	84	<0.5	0.32 J	<0.5	<0.5	<0.5	<0.5	0.67	1.8	<0.5	<0.5	3	<0.5	<0.5
JW-CPT05	Intermediate Gaspur	06/17/2015	N	98	<0.5	0.2 J	0.21 J	<0.5	<0.5	<0.5	<0.5	3.6	<0.5	<0.5	0.44 J	<0.5	<0.5
JW-CPT05	Lower Gaspur	06/17/2015	FD	99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.7	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT05	Lower Gaspur	06/17/2015	N	112	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.1	<0.5	<0.5	0.28 J	0.9	<0.5
JW-CPT05	Exposition Aquifer	06/17/2015	N	132	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.7	0.66	<0.5	<0.5	<0.5	<0.5
JW-CPT06	Intermediate Gaspur	06/19/2015	N	84	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.1	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT06	Lower Gaspur	06/19/2015	N	96	<0.5	0.69	0.34 J	<0.5	<0.5	<0.5	<0.5	5.6	<0.5	<0.5	5.6	<0.5	<0.5
JW-CPT06	Lower Gaspur	06/19/2015	N	106	<0.5	1.4	0.57	0.29 J	<0.5	<0.5	<0.5	14	<0.5	<0.5	0.34 J	3.4	<0.5
JW-CPT06	Exposition Aquifer	06/19/2015	N	128	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT07	Shallow Gaspur	06/18/2015	N	60	<0.5	19 J	1.6 J	1.7 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT07	Intermediate Gaspur	06/18/2015	N	75	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.1 J	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT07	Intermediate Gaspur	06/18/2015	FD	76	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.4 J	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT07	Intermediate Gaspur	06/19/2015	N	90	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.4 J	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT07	Lower Gaspur	06/19/2015	N	104	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.6	<0.5	<0.5	<0.5	<0.5	<0.5

Table 2
HydroPunch Groundwater Sample Results for VOCs and SVOCs, 2013, 2015, and 2016
Jervis B. Webb Company Superfund Site, South Gate, California

Location	Aquifer	Sample Date	Sample Type	Sample Depth (bgs)	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	1,2-Dichloropropane	1,4-Dioxane (p-Dioxane)	1,2,3-Trichloropropane	Toluene	
JW-CPT07	Exposition Aquifer	06/19/2015	N	128	<0.5	0.39 J	0.71	<0.5	<0.5	<0.5	<0.5	9.4	<0.5	<0.5	<0.5	<0.5	<0.5	
JW-CPT08	Shallow Gaspur	06/17/2015	N	65	<0.5	2.6	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
JW-CPT08	Intermediate Gaspur	06/17/2015	N	78	<0.5	<0.5	0.39 J	<0.5	<0.5	<0.5	<0.5	<0.5	15	<0.5	<0.5	1	<0.5	<0.5
JW-CPT08	Lower Gaspur	06/17/2015	N	96	<0.5	0.54	1.5	<0.5	<0.5	<0.5	<0.5	<0.5	5	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT08	Lower Gaspur	06/18/2015	N	108	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.8	<0.5	<0.5	1.6 J	<0.5	<0.5	
JW-CPT08	Lower Gaspur	06/18/2015	FD	109	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.2	<0.5	<0.5	3.4 J	<0.5	<0.5	
JW-CPT08	Exposition Aqu	06/18/2015	N	124	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
JW-CPT09	Shallow Gaspur	06/23/2015	N	64	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.82	<0.5	<0.5	0.89	<0.5	<0.5
JW-CPT09	Intermediate Gaspur	06/23/2015	N	76	<0.5	<0.5	2.2	<0.5	<0.5	<0.5	<0.5	<0.5	6.4	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT09	Lower Gaspur	06/23/2015	N	92	<0.5	<0.5	0.54	<0.5	<0.5	<0.5	<0.5	<0.5	30	<0.5	0.61	1.6	<0.5	<0.5
JW-CPT09	Lower Gaspur	06/23/2015	N	116	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5
JW-CPT09	Exposition Aquifer	06/23/2015	N	130	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT10	Shallow Gaspur	06/22/2015	N	57	<0.5	7.7	3.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.74	<0.5	<0.5
JW-CPT10	Shallow Gaspur	06/22/2015	N	68	<0.5	3.1	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	6.9	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT10	Shallow Gaspur	06/22/2015	FD	69	<0.5	3 J	1.8 J	<0.5	<0.5	<0.5	<0.5	<0.5	7.2 J	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT10	Intermediate Gaspur	06/22/2015	N	84	<0.5	0.79	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	7.2	<0.5	<0.5	<0.9	<0.5	<0.5
JW-CPT10	Lower Gaspur	06/22/2015	N	98	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	8.9	<0.5	0.45 J	<0.5	<0.5	<0.5
JW-CPT10	Exposition Aquifer	06/22/2015	N	120	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.9	<0.5	<0.5	<0.5
JW-CPT11	Shallow Gaspur	06/29/2015	N	63	<0.5	<0.5	5.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	11	<0.5	2.4	<0.5	0.23 J
JW-CPT11	Intermediate Gaspur	06/29/2015	N	78	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.97	<0.5	<0.5
JW-CPT11	Intermediate Gaspur	06/29/2015	N	88	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	4.2	<0.5	<0.5	0.63	<0.5	<0.5
JW-CPT11	Lower Gaspur	06/29/2015	N	102	<0.5	<0.5	0.94	<0.5	<0.5	<0.5	<0.5	<0.5	2	0.48 J	<0.5	0.65	<0.5	<0.5
JW-CPT11	Lower Gaspur	06/29/2015	N	116	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.67	<0.5	0.21 J	
JW-CPT11	Exposition Aquifer	06/29/2015	N	132	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.96	<0.5	<0.5	<0.5
JW-CPT12	Intermediate Gaspur	06/26/2015	FD	73	<0.5	10 J	2 J	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT12	Intermediate Gaspur	06/26/2015	N	74	<0.5	16 J	3 J	<0.5	<0.5	<0.5	<0.5	0.96	<0.5	<0.5	<0.5	3.3 J	<0.5	<0.5
JW-CPT12	Lower Gaspur	06/26/2015	N	92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT12	Lower Gaspur	06/26/2015	N	108	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.9	<0.5	<0.5	0.49 J	<0.5	<0.5
JW-CPT12	Exposition Aquifer	06/26/2015	N	132	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.65	<0.5	<0.5	<0.5
JW-CPT13	Shallow Gaspur	06/25/2015	N	60	R	R	R	R	R	R	R	3.1 J	R	R	0.45 J	R	R	
JW-CPT13	Intermediate Gaspur	06/25/2015	N	73	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.98 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT13	Lower Gaspur	06/25/2015	N	91	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5
JW-CPT13	Lower Gaspur	06/25/2015	FD	92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	<0.5
JW-CPT13	Lower Gaspur	06/25/2015	N	102	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.3 J	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT13	Exposition Aquifer	06/25/2015	N	130	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT14	Shallow Gaspur	06/24/2015	N	62	R	8.6 J	3.8 J	R	R	R	R	R	9.5 J	R	0.71	R	R	

Table 2
HydroPunch Groundwater Sample Results for VOCs and SVOCs, 2013, 2015, and 2016
Jervis B. Webb Company Superfund Site, South Gate, California

Location	Aquifer	Sample Date	Sample Type	Sample Depth (bgs)	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	1,2-Dichloropropane	1,4-Dioxane (p-Dioxane)	1,2,3-Trichloropropane	Toluene
JW-CPT14	Intermediate Gaspur	06/24/2015	N	75	<0.5	8.1 J	2.7 J	2.4 J	<0.5	<0.5	0.83 J	17 J	<0.5	<0.5	0.89	<0.5	<0.5
JW-CPT14	Lower Gaspur	06/24/2015	N	90	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT14	Lower Gaspur	06/24/2015	N	102	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5
JW-CPT14	Exposition Aquifer	06/24/2015	N	130	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT15	Shallow Gaspur	10/26/2015	N	67	<0.5	9.1	4.5	0.73	1.9	<0.5	0.45 J	<0.5	<0.5	<0.5	5.8	<0.5	<0.5
JW-CPT15	Intermediate Gaspur	10/26/2015	N	79	<0.5	9.9	20	0.82	5.3	<0.5	<0.5	0.77	<0.5	<0.5	1.6	<0.5	<0.5
JW-CPT15	Lower Gaspur	10/27/2015	N	92	<0.5	0.24 J	1.2	<0.5	<0.5	<0.5	<0.5	10	<0.5	0.27 J	0.56	<0.5	<0.5
JW-CPT15	Lower Gaspur	10/26/2015	N	106	<0.5	<0.5	0.26 J	<0.5	<0.5	<0.5	<0.5	7.4	<0.5	0.44 J	0.26 J	<0.5	<0.5
JW-CPT15	Lower Gaspur	10/26/2015	FD	107	<0.5	<0.5	0.34 J	<0.5	<0.5	<0.5	<0.5	7.5	<0.5	0.36 J	0.35 J	<0.5	<0.5
JW-CPT15	Exposition Aqu	10/26/2015	N	128	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5
JW-CPT16	Shallow Gaspur	10/27/2015	N	66	<0.5	1.9	3.1	0.22 J	0.55	<0.5	<0.5	0.76	<0.5	<0.5	0.3 J	<0.5	<0.5
JW-CPT16	Intermediate Gaspur	10/27/2015	N	80	<0.5	1.4	2.3	<0.5	0.16 J	<0.5	<0.5	1.1	<0.5	<0.5	0.55	<0.5	<0.5
JW-CPT16	Lower Gaspur	10/27/2015	N	92	<0.5	0.21 J	<0.5	<0.5	<0.5	<0.5	<0.5	5.3	<0.5	0.23 J	0.39 J	<0.5	<0.5
JW-CPT16	Lower Gaspur	10/27/2015	N	108	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.42 J	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT16	Exposition Aquifer	10/27/2015	N	124	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT17	Shallow Gaspur	10/28/2015	N	65	<0.5	13	7.7	1.4 J	0.79	<0.5	1.2	1.3	<0.5	<0.5	0.8	<0.5	<0.5
JW-CPT17	Intermediate Gaspur	10/28/2015	N	82	<0.5	<0.5	0.75	<0.5	<0.5	<0.5	0.46 J	2.2	<0.5	0.49 J	1.2	<0.5	<0.5
JW-CPT17	Lower Gaspur	10/28/2015	N	91	<0.5	0.6	2.1	<0.5	<0.5	<0.5	<0.5	12	<0.5	0.38 J	0.42 J	<0.5	<0.5
JW-CPT17	Lower Gaspur	10/28/2015	FD	92	<0.5	0.71	2.3	<0.5	<0.5	<0.5	<0.5	12	<0.5	0.37 J	0.54	<0.5	<0.5
JW-CPT17	Lower Gaspur	10/28/2015	N	102	<0.5	0.33 J	0.34 J	<0.5	<0.5	<0.5	<0.5	4.2	0.93	0.53	<0.5	<0.5	<0.5
JW-CPT17	Lower Gaspur/Exposition	10/28/2015	N	118	<0.5	0.35 J	<0.5	<0.5	<0.5	<0.5	<0.5	0.22 J	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT18	Shallow Gaspur	10/29/2015	N	68	<0.5	<0.5	0.53	0.26 J	<0.5	<0.5	1	0.4 J	<0.5	<0.5	1.6	<0.5	<0.5
JW-CPT18	Intermediate Gaspur	10/29/2015	N	84	<0.5	<0.5	1	<0.5	<0.5	<0.5	<0.5	15	<0.5	<0.5	0.57	<0.5	<0.5
JW-CPT18	Lower Gaspur	10/29/2015	N	93	<0.5	<0.5	1	<0.5	<0.5	<0.5	<0.5	16	<0.5	0.22 J	0.73	<0.5	<0.5
JW-CPT18	Lower Gaspur	10/29/2015	FD	94	<0.5	0.26 J	1.1	<0.5	<0.5	<0.5	<0.5	18	<0.5	<0.5	0.37 J	<0.5	<0.5
JW-CPT18	Lower Gaspur/Exposition	10/29/2015	N	119	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.6	<0.5	<0.5	<0.5	<0.5	<0.5
JW-CPT20	Shallow Gaspur	08/16/2016	N	64	<0.5	1.6	7.7	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	0.5 J	<0.5	<0.5
JW-CPT20	Intermediate Gaspur	08/16/2016	N	80	<0.5	2.5	61	0.3 J	1.4	<0.5	0.4 J	<0.5	<0.5	<0.5	<1.9	<0.5	0.7
JW-CPT20	Lower Gaspur	08/16/2016	N	100	<0.5	1.5	13	<0.5	<0.5	<0.5	<0.5	1.9	<0.5	<0.5	<1.9	<0.5	<0.5
JW-CPT20	Lower Gaspur/Exposition	08/16/2016	N	120	<0.5	1.4	5.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
JW-CPT20	Lower Gaspur/Exposition	08/16/2016	FD	120	<0.5	1.4	5.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
JW-CPT20	Exposition Aquifer	08/16/2016	N	128	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
SAIA-CPT02	Perched	03/22/2013	N	40	<0.5	0.091 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Table 2
HydroPunch Groundwater Sample Results for VOCs and SVOCs, 2013, 2015, and 2016
Jervis B. Webb Company Superfund Site, South Gate, California

Location	Aquifer	Sample Date	Sample Type	Sample Depth (bgs)	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	1,2-Dichloropropane	1,4-Dioxane (p-Dioxane)	1,2,3-Trichloropropane	Toluene
SAIA-CPT02	Shallow Gaspur	03/22/2013	N	64	<0.5	1.3	7.3	<0.5	0.59	<0.5	0.1 J	0.065 J	<0.5	<0.5	<0.5	<0.5	<0.5
SAIA-CPT02	Intermediate Gaspur	03/22/2013	N	80	<0.5	0.085 J	0.18 J	<0.5	<0.5	<0.5	<0.5	8	<0.5	<0.5	1	<0.5	<0.5
SAIA-CPT02	Lower Gaspur	03/22/2013	N	98	<0.5	0.063 J	0.13 J	<0.5	<0.5	<0.5	<0.5	6.1	<0.5	0.21 J	0.95	<0.5	<0.5
SAIA-CPT02	Exposition Aquifer	03/22/2013	N	124	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	--	<0.5	<0.5
SAIA-CPT04	Perched	03/14/2013	N	40	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5
SAIA-CPT04	Shallow Gaspur	03/14/2013	N	64	<25	890	1300	<25	29	<25	12 J	<25	<25	<25	12	<25	<25
SAIA-CPT04	Intermediate Gaspur	03/14/2013	N	84	<0.5	6.5	52	<0.5	3.5	<0.5	0.12 J	1.4	<0.5	<0.5	0.57	<0.5	<0.5
SAIA-CPT04	Lower Gaspur	03/14/2013	N	102	<4	280	55	<4	7.5	<4	2.3 J	4.5	<4	<4	9.2	<4	<4
SAIA-CPT04	Exposition Aquifer	03/14/2013	N	128	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SAIA-HP17	Shallow Gaspur	03/11/2013	N	65	<2	88	62	<2	3.5	<2	0.32 J	32	<2	<2	1.7	<2	<2
SAIA-HP17	Shallow Gaspur	03/11/2013	FD	65	<2	110	50	<2	2.9	<2	0.27 J	25	<2	<2	1.1	<2	<2
SAIA-HP17	Intermediate Gaspur	03/11/2013	N	82	<0.5	10	1.3	<0.5	0.29 J	<0.5	<0.5	3.6	<0.5	<0.5	1.2	<0.5	<0.5
SAIA-HP17	Lower Gaspur	03/11/2013	N	100	<0.5	24	21	<0.5	2.3	<0.5	0.12 J	0.49 J	<0.5	<0.5	1.8	<0.5	<0.5
SAIA-HP17	Exposition Aquifer	03/11/2013	N	123	<0.5	0.6	0.6	<0.5	<0.5	<0.5	<0.5	0.42 J	<0.5	<0.5	7.1	<0.5	<0.5
SAIA-HP18	Shallow Gaspur	03/12/2013	N	67	<0.5	40	5.8	<0.5	0.79	<0.5	0.12 J	0.17 J	<0.5	<0.5	2.6	<0.5	<0.5
SAIA-HP18	Intermediate Gaspur	03/12/2013	N	85	<2	38	170	4.5	13	<2	1.7 J	53	<2	<2	6.8	<2	<2
SAIA-HP18	Lower Gaspur	03/12/2013	N	100	<5	180	460	7.3	66	<5	5.8	29	<5	<5	13	<5	<5
SAIA-HP18	Lower Gaspur	03/12/2013	FD	100	<4	410	960	11	100	<4	8.5	52	<4	<4	11	<4	<4
SAIA-HP18	Exposition Aquifer	03/12/2013	N	124	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.66	<0.5	<0.5	<0.5	<0.5	<0.5

Screening Criteria

MCL* (ug/L)	5	5	6	6	10	0.5	5	0.5	1	5	1 ³	0.005 ³	150
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exceeds California MCL

* Based on State Water Resources Control Board maximum contaminant levels (MCLs; California Division of Drinking Water, 2014).

Notes:

- 1) Results reported in micrograms per liter (ug/L).
- 2) Concentrations detected at or above laboratory reporting limits are shown in bold font.
- 3) Based on California Department of Public Health Notification Level.

Abbreviations:

<#.# = not detected at the indicated reporting limit

bgs = feet below ground surface

FD = field duplicate

J = estimated value

MCL = maximum contaminant level

N = normal sample

NA = not analyzed

R = rejected result due to data quality control failure

SVOC = semivolatile organic compound

VOC = volatile organic compound

Table 3
Monitoring Well Groundwater Sampling Analytical Results
Jervis B. Webb Company Superfund Site, South Gate, California

Location	Sample Date	Sample Type	Screen Interval (feet bgs)	Aquifer	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	1,2-Dichloropropane	1,4-Dioxane (p-Dioxane)	1,2,3-Trichloropropane	Toluene	Acetone	Carbon Disulfide	Chlorobenzene	Chloroform	Chromomethane	Cyclohexane	Methylene Chloride	
JWMW-01	05/04/2017	N	40-70	Shallow Gaspur	100	25,000	300	110	42 J	<100	71 J	<100	<100	<100	64 J	<100	<100	<1000	<100	<100	<100	<100	<100	<100	
JWMW-01	05/04/2017	FD	40-70	Shallow Gaspur	88 J	23,000	270	100	38 J	<100	63 J	<100	<100	<100	71 J	<100	<100	<1000	<100	<100	<100	<100	<100	<100	
JWMW-02	05/02/2017	N	40-70	Shallow Gaspur	0.61	110	32	18	2.7	1.1	5	2.3	0.58	<0.5	0.5	8.2	<0.5	<0.5	9	<0.5	<0.5	<0.5	0.18 J	<0.5	<0.5
JWMW-03	05/04/2017	N	40-70	Shallow Gaspur	<0.5	180	18	7.8	2.9	0.73	2.9	<0.5	<0.5	<0.5	9.6	<0.5	<0.5	4.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
JWMW-04	11/28/2016	N	40-70	Shallow Gaspur	<10	490	2,400	26	38	<10	12	<10	<10	<10	26 J	<10	<10	<100	<10	<10	<10	<10	<10	<10	
JWMW-04	05/01/2017	N	40-70	Shallow Gaspur	<10	1,100	2,400	21	37	<10	10	<10	<10	<10	21 J	<10	<10	<100	<10	<10	<10	<10	<10	<10	
JWMW-05	11/30/2016	N	40-70	Shallow Gaspur	<10	2,400	260	21	21	<10	10	<10	<10	<10	19 J	<10	<10	<100	<10	<10	<10	<10	<10	<10	
JWMW-05	05/01/2017	N	40-70	Shallow Gaspur	<10	1,800	270	16	17	<10	8 J	<10	<10	<10	14 J	<10	<10	<100	<10	<10	<10	<10	<10	<10	
JWMW-06A	12/02/2016	N	60-70	Shallow Gaspur	<0.5	0.59	2.1	2.1	<0.5	0.39 J	3.1	<0.5	<0.5	<0.5	7.1	<0.5	0.24 J	5.6	<0.5	<0.5	<0.5	0.21 J	<0.5	<0.5	
JWMW-06A	05/03/2017	N	60-70	Shallow Gaspur	<0.5	1.2	2.4	2.6	<0.5	0.37 J	3	<0.5	<0.5	<0.5	5.7	<0.5	<0.5	6.5	<0.5	<0.5	<0.5	0.17 J	<0.5	<0.5	
JWMW-06B	12/02/2016	N	79-84	Intermediate Gaspur	<0.5	1.6	3	0.58	<0.5	0.24 J	0.61	0.24 J	<0.5	<0.5	<0.5	1.2 J	<0.5	<0.5	12	<0.5	<0.5	<0.5	0.57	1.2	<0.5
JWMW-06B	05/03/2017	N	79-84	Intermediate Gaspur	<0.5	1.2	3.2	0.85	<0.5	0.34 J	0.89	<0.5	<0.5	<0.5	1.4	<0.5	<0.5	6.4	<0.5	<0.5	<0.5	0.18 J	<0.5	<0.5	
JWMW-06C	12/02/2016	N	93-98	Lower Gaspur	<0.5	0.24 J	0.56	<0.5	<0.5	<0.5	<0.5	7.5	<0.5	<0.5	<0.5	0.64 J	<0.5	<0.5	3.9 J	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5
JWMW-06C	05/03/2017	N	93-98	Lower Gaspur	--	--	--	--	--	--	--	--	--	--	0.34 J	--	--	--	--	--	--	--	--	--	
JWMW-06C	05/22/2017	N	93-98	Lower Gaspur	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	4.7	<0.5	<0.5	<0.5	--	<0.5	<0.5	<4	--	<0.5	<0.5	<0.5	<0.5	--
JWMW-07A	12/02/2016	N	60-70	Shallow Gaspur	<0.5	200	9.9 J	10 J	1.3 J	1	4.1	<0.5	<0.5	<0.5	17	<0.5	0.16 J	<5	<0.5	<0.5	<0.5	0.17 J	<0.5	<0.5	
JWMW-07A	05/03/2017	N	60-70	Shallow Gaspur	<0.5	130	52	8.4	1.2	1.2	3.6	<0.5	<0.5	<0.5	15	<0.5	<0.5	<5	0.17 J	<0.5	<0.5	<0.5	<0.5	<0.5	
JWMW-07B	12/02/2016	N	79-84	Intermediate Gaspur	<0.5	0.23 J	0.26 J	<0.5	<0.5	<0.5	<0.5	5.5	<0.5	<0.5	<0.5	<1.9	<0.5	<0.5	7.6	<0.5	<0.5	<0.5	<0.5	<0.5	
JWMW-07B	05/03/2017	N	79-84	Intermediate Gaspur	<0.5	<0.5	0.25 J	0.23 J	<0.5	0.16 J	<0.5	5.2	<0.5	<0.5	<0.5	0.37 J	<0.5	<0.5	4.7 J	<0.5	<0.5	<0.5	<0.5	<0.5	
JWMW-07C	12/01/2016	N	96-106	Lower Gaspur	<0.5	0.24 J	0.62	<0.5	<0.5	<0.5	<0.5	6.1	<0.5	<0.5	<0.5	0.82 J	<0.5	<0.5	3.8 J	<0.5	0.26 J	<0.5	0.23 J	<0.5	
JWMW-07C	12/01/2016	FD	96-106	Lower Gaspur	<0.5	0.26 J	0.6	<0.5	<0.5	<0.5	<0.5	6.2	<0.5	<0.5	<0.5	0.79 J	<0.5	<0.5	2.9 J	<0.5	0.26 J	<0.5	<0.5	<0.5	
JWMW-07C	05/03/2017	N	96-106	Lower Gaspur	<0.5	0.27 J	0.68	0.2 J	<0.5	<0.5	0.12 J	4.4	<0.5	<0.5	<0.5	0.59	<0.5	<0.5	<5	<0.5	0.22 J	<0.5	<0.5	<0.5	
JWMW-08A	11/30/2016	N	58-68	Shallow Gaspur	<0.5	40	32	0.8	2.6	0.23 J	<0.5	2.9	<0.5	<0.5	0.53	<0.5	<0.5	4.1 J	<0.5	<0.5	<0.5	0.23 J	<0.5	<0.5	
JWMW-08A	05/02/2017	N	58-68	Shallow Gaspur	<0.5	18	33	0.59	2.1	<0.5	0.12 J	4.1	<0.5	<0.5	0.34 J	<0.5	<0.5	3.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
JWMW-08B	11/30/2016	N	79-84	Intermediate Gaspur	<0.5	3.1	2.2	<0.5	<0.5	<0.5	<0.5	4.4	<0.5	<0.5	0.28 J	0.6 J	<0.5	<0.5	5.3	0.35 J	<0.5	<0.5	0.2 J	<0.5	0.38 J
JWMW-08B	11/30/2016	FD	79-84	Intermediate Gaspur	<0.5	2.9	2.1	<0.5	<0.5	<0.5	<0.5	4.2	<0.5	<0.5	0.22 J	0.6 J	<0.5	<0.5	6.3	0.42 J	<0.5	<0.5	<0.5	<0.5	0.37 J
JWMW-08B	05/02/2017	N	79-84	Intermediate Gaspur	<0.5	0.61	1.3	<0.5	<0.5	<0.5	<0.5	4.5	<0.5	<0.5	0.43	<0.5	<0.5	3.8 J	0.33 J	<0.5	<0.5	<0.5	<0.5	<0.5	
JWMW-08B	05/02/2017	FD	79-84	Intermediate Gaspur	<0.5	0.61	1.3	<0.5	<0.5	<0.5	<0.5	4.6	<0.5	<0.5	0.4	<0.5	<0.5	<5	0.27 J	<0.5	<0.5	<0.5	<0.5	<0.5	
JWMW-08C	11/30/2016	N	112-122	Lower Gaspur/Exposition	<0.5	1.4	0.72	<0.5	<0.5	<0.5	<0.5	8	0.52	0.33 J	0.63 J	<0.5	<0.5	<5	0.17 J	<0					

Table 3
Monitoring Well Groundwater Sampling Analytical Results
Jervis B. Webb Company Superfund Site, South Gate, California

Location	Sample Date	Sample Type	Screen Interval (feet bgs)	Aquifer	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	1,2-Dichloropropane	1,4-Dioxane (p-Dioxane)	1,2,3-Trichloropropane	Toluene	Acetone	Carbon Disulfide	Chlorobenzene	Chloroform	Chromomethane	Cyclohexane	Methylene Chloride	
JWMW-11C	11/29/2016	N	118-128	Lower Gaspur/Exposition	<0.5	5.9	59	0.56	3.5	<0.5	0.3 J	1.7	0.31 J	<0.5	2.2	<0.5	<0.5	<5	<0.5	<0.5	<0.5	0.18 J	<0.5	<0.5	
JWMW-11C	05/04/2017	N	118-128	Lower Gaspur/Exposition	<0.5	0.99	18	0.2 J	1.1	<0.5	0.15 J	1.4	<0.5	<0.5	1.1	<0.5	<0.5	<5	0.48 J	<0.5	<0.5	<0.5	<0.5	<0.5	
JWMW-11C	05/04/2017	FD	118-128	Lower Gaspur/Exposition	<0.5	1	21	0.2 J	1.1	<0.5	0.14 J	1.4	<0.5	<0.5	1.1	<0.5	<0.5	<5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	
JWMW-12	11/29/2016	N	138-143	Exposition Aquifer	<0.5	2.1	12	<0.5	0.64	<0.5	0.48 J	1.8	<0.5	<0.5	2.6	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
JWMW-12	05/04/2017	N	138-143	Exposition Aquifer	<0.5	2.1	15	0.34 J	0.76	0.21 J	0.53	2.1	<0.5	<0.5	2	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
JWMW-13A	05/03/2017	N	60-70	Shallow Gaspur	<0.5	3	2.9	0.44 J	0.34 J	<0.5	0.84	5	<0.5	0.33 J	0.69	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
JWMW-13B	05/03/2017	N	90-100	Lower Gaspur	<0.5	0.22 J	0.58	<0.5	<0.5	<0.5	<0.5	26	<0.5	<0.5	0.79	<0.5	<0.5	<5	0.16 J	<0.5	0.59	<0.5	<0.5	<0.5	
JWMW-13C	05/03/2017	N	118-128	Lower Gaspur/Exposition	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	0.28 J	<0.5	<0.5	<5	0.25 J	<0.5	0.26 J	<0.5	<0.5	<0.5	
SAIA-MW1A	07/14/2016	N	60-65	Shallow Gaspur	<25	1,500	3,900	<25	160	<25	22 J	<25	<25	<25	<0.5	<25	<25	<250	<25	<25	<25	<25	<25	<25	
SAIA-MW1B	07/14/2016	N	75-85	Intermediate Gaspur	<0.5	0.84	14	<0.5	2	<0.5	<0.5	0.58	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SAIA-MW1B	07/14/2016	FD	75-85	Intermediate Gaspur	<0.5	0.82	15	<0.5	2.5	<0.5	<0.5	0.64	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SAIA-MW1C	07/14/2016	N	94-104	Lower Gaspur	<0.5	4.4	350	5.3	27	18	2.6	33	3.2	<0.5	7.3	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	2	<0.5
SAIA-MW2A	07/11/2016	N	60-65	Shallow Gaspur	<2.5	120	1,300	6.4	85	<2.5	5.5	<2.5	<2.5	<2.5	5.3	<2.5	<2.5	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
SAIA-MW2B	07/11/2016	N	76-86	Intermediate Gaspur	<0.5	0.57	10	<0.5	1.5	<0.5	<0.5	0.81	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SAIA-MW2C	07/11/2016	N	96-106	Lower Gaspur	<0.5	4.7	270 J	3.5 J	19 J	0.87	1.8	33	2.2	<0.5	15	<0.5	<0.5	7.8	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5
SAIA-MW7	07/11/2016	N	122-132	Exposition Aquifer	<0.5	19	73	<0.5	4.8	<0.5	0.84	2.9	<0.5	<0.5	7.9	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Screening Criteria

MCL* (ug/L)				5	5	6	6	10	0.5	5	0.5	1	5	1 ³	0.005 ³	150	NA							
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Highlighted values exceed California MCL

* Based on State Water Resources Control Board maximum contaminant levels (MCLs; July 2014).

Notes:

- 1) Results reported in micrograms per liter (ug/L).
- 2) Concentrations detected at or above laboratory reporting limits are shown in bold font.
- 3) Based on California Department of Public Health Notification Level.

Abbreviations:

<#.# = not detected at the indicated reporting limit

bgs = feet below ground surface

FD = field duplicate

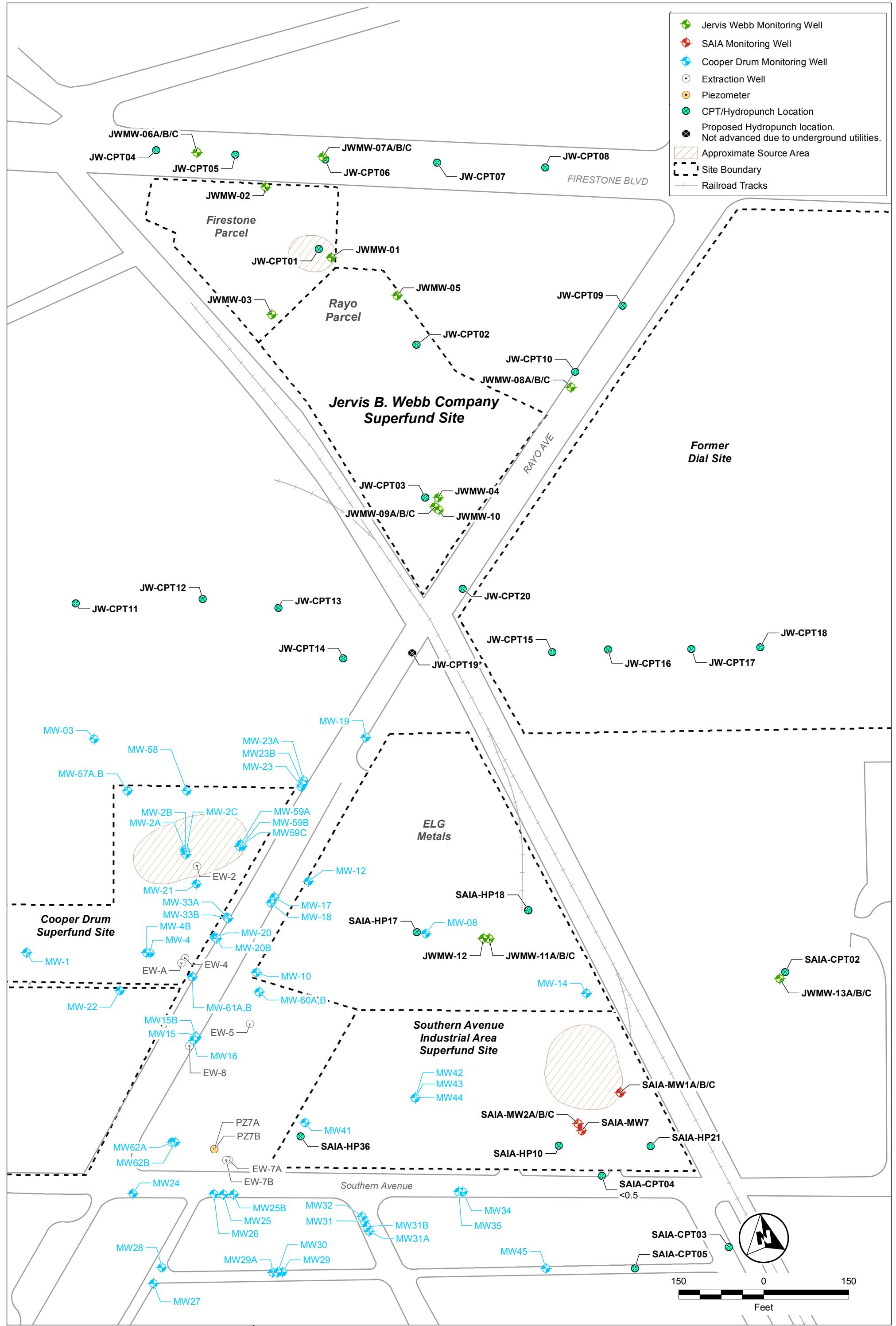
J = estimated value

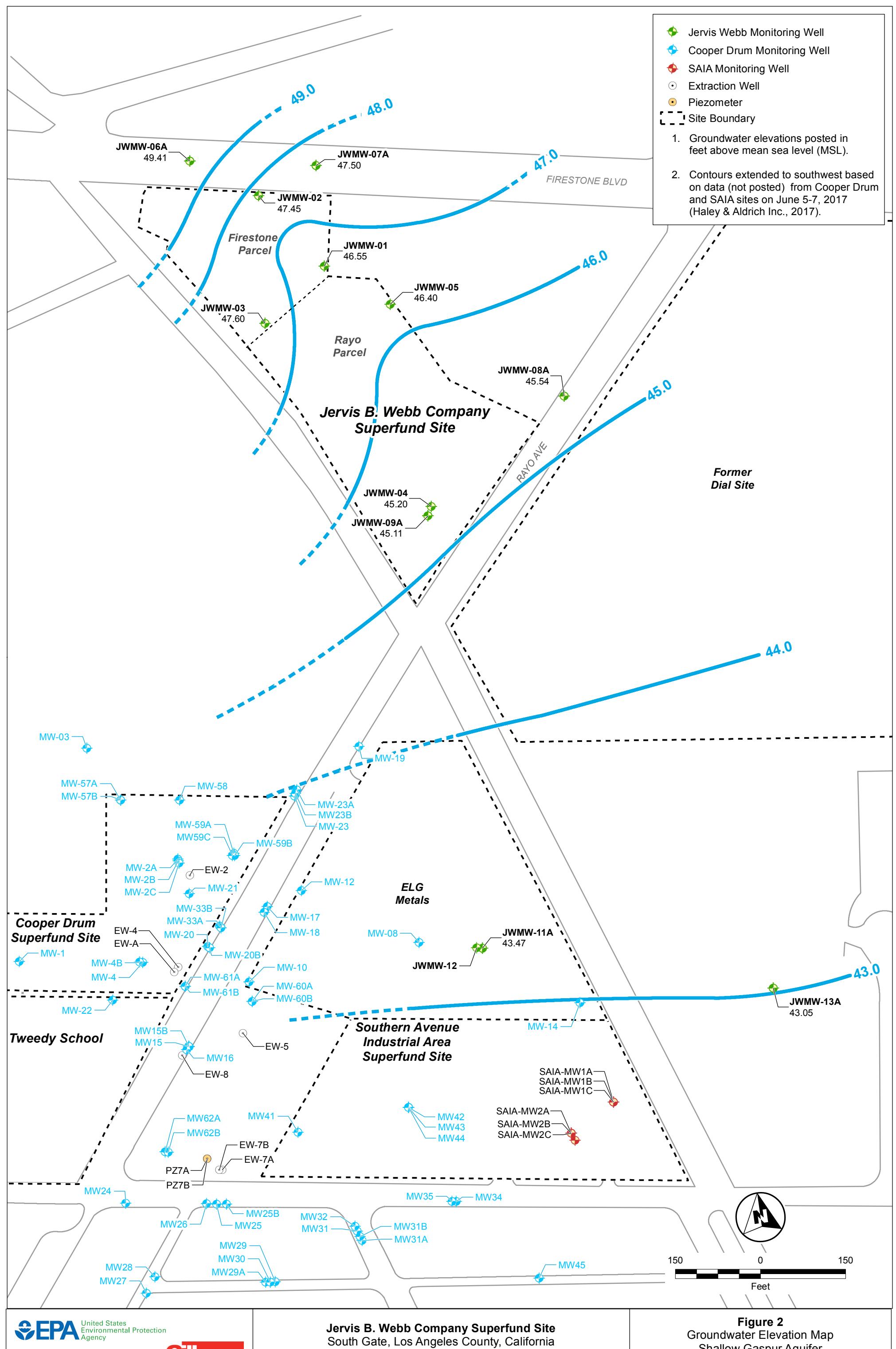
N = normal sample

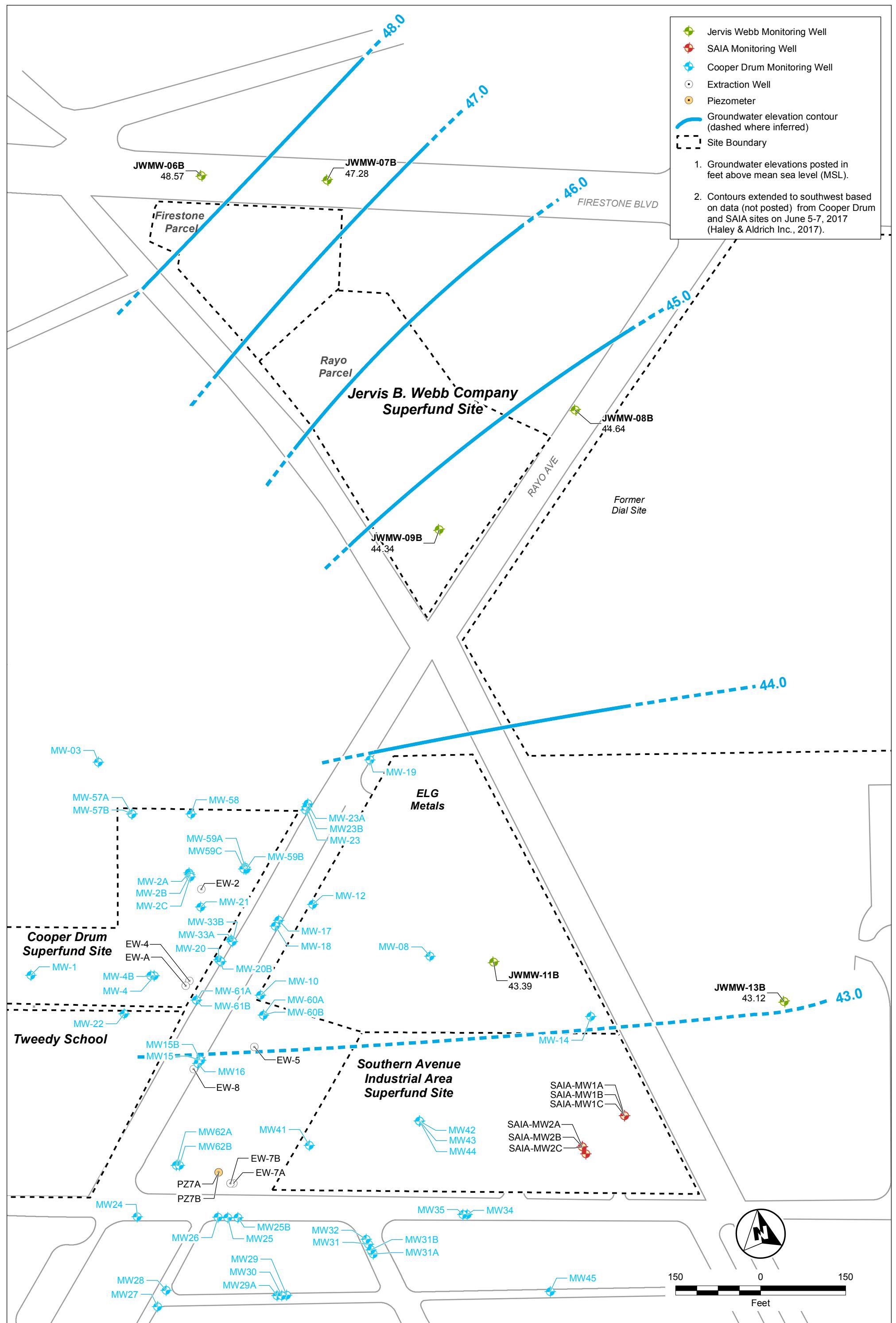
NA = no MCLs available

-- = not analyzed

FIGURES





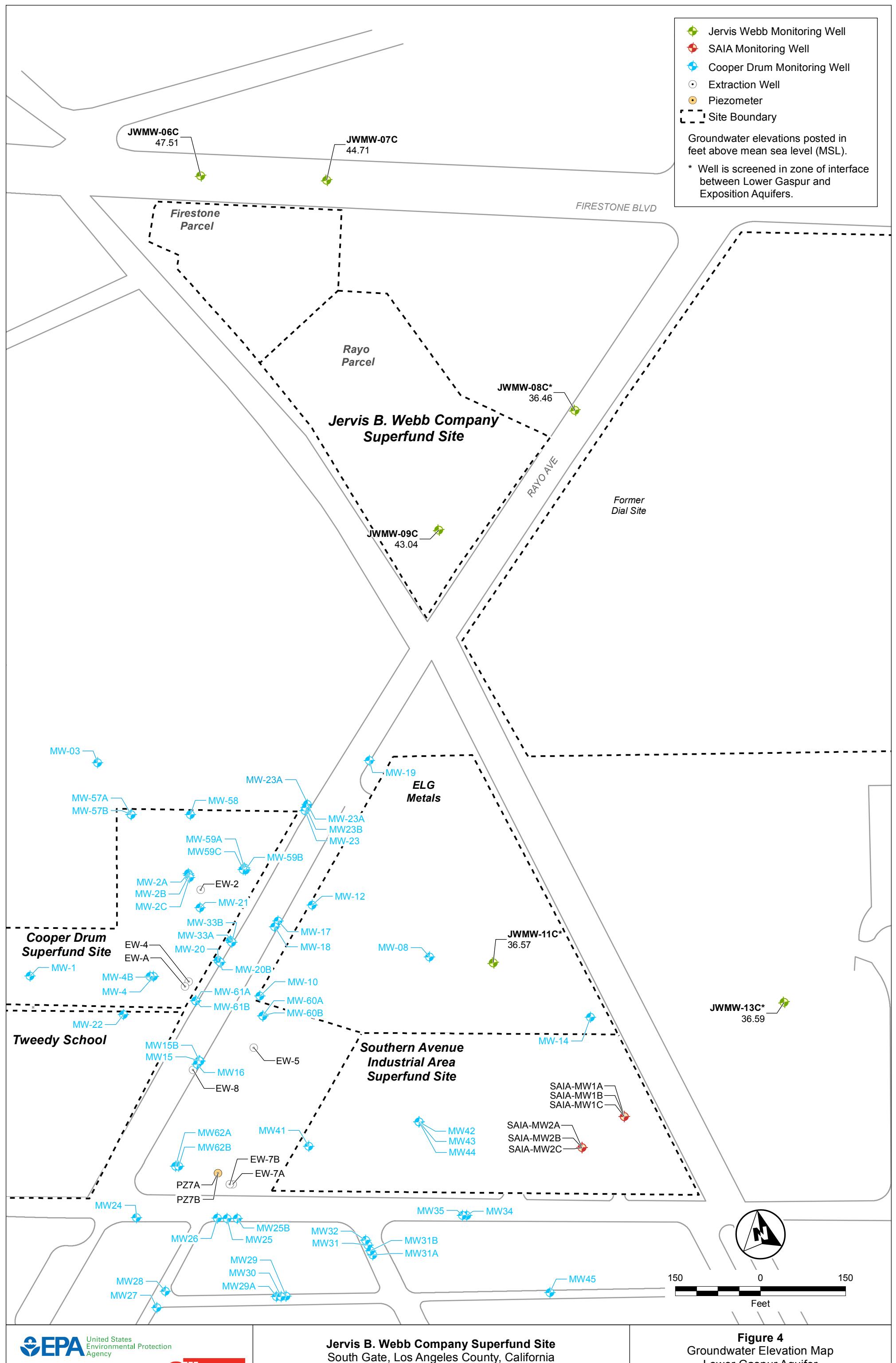


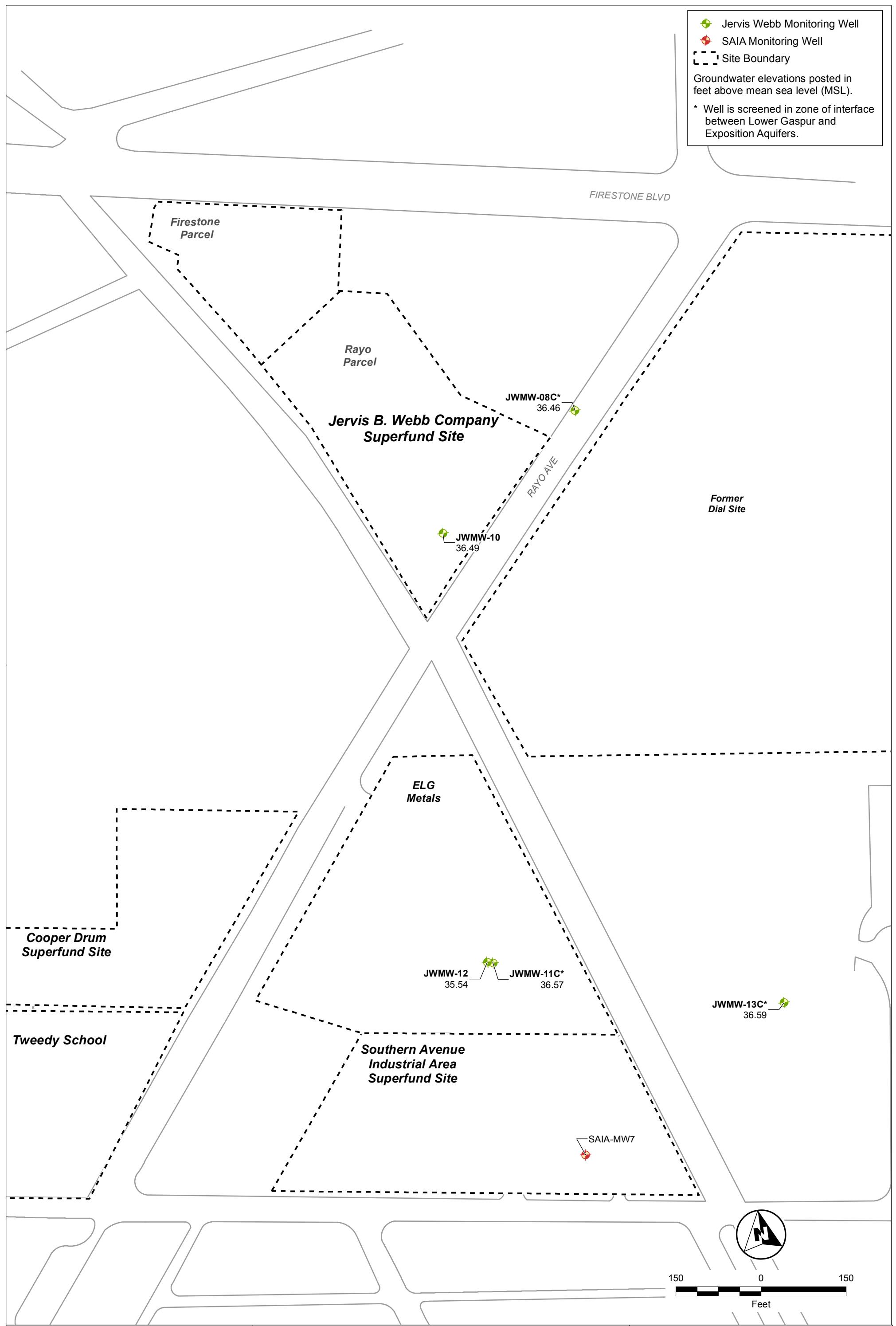
United States
Environmental Protection
Agency

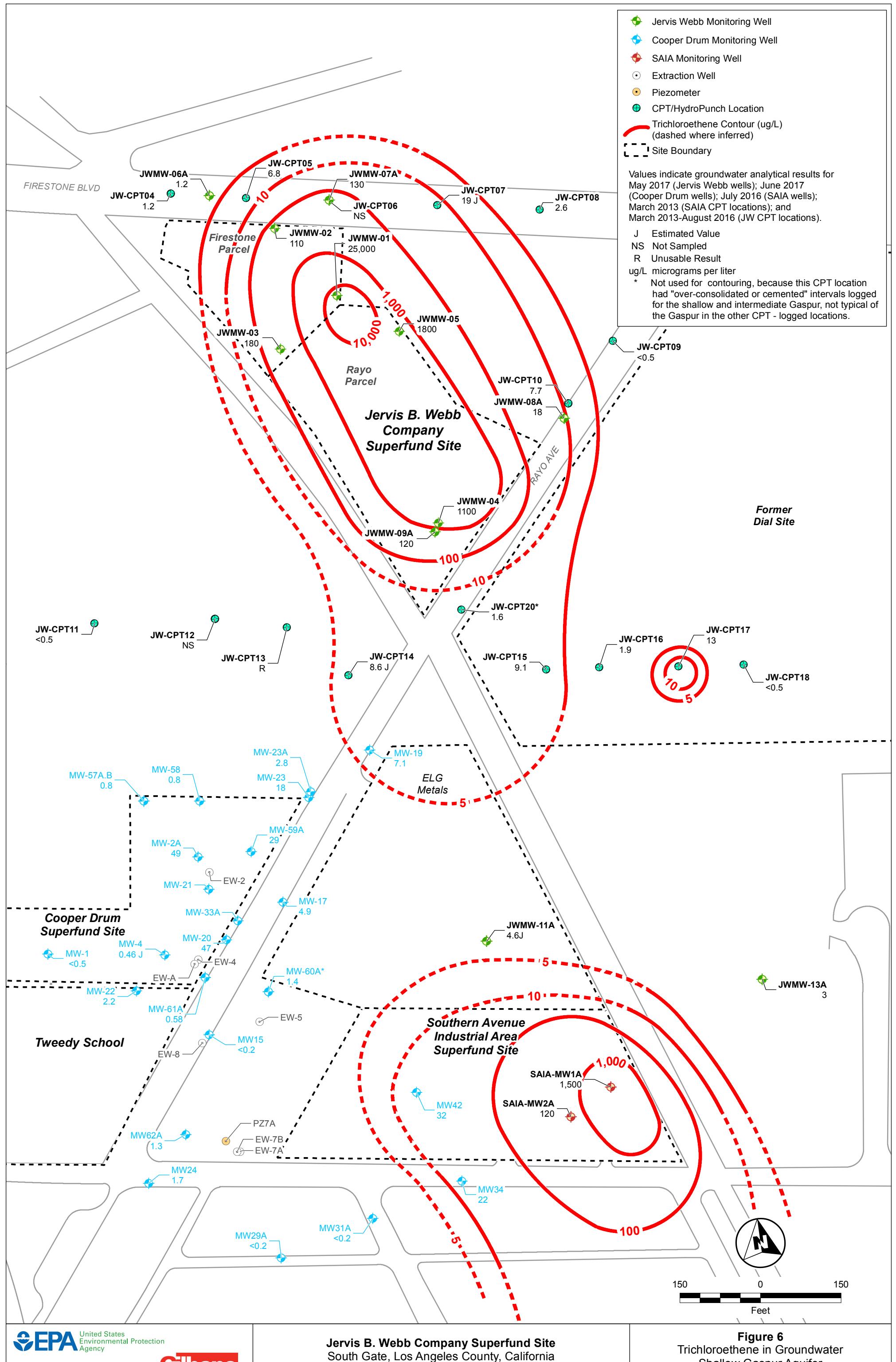


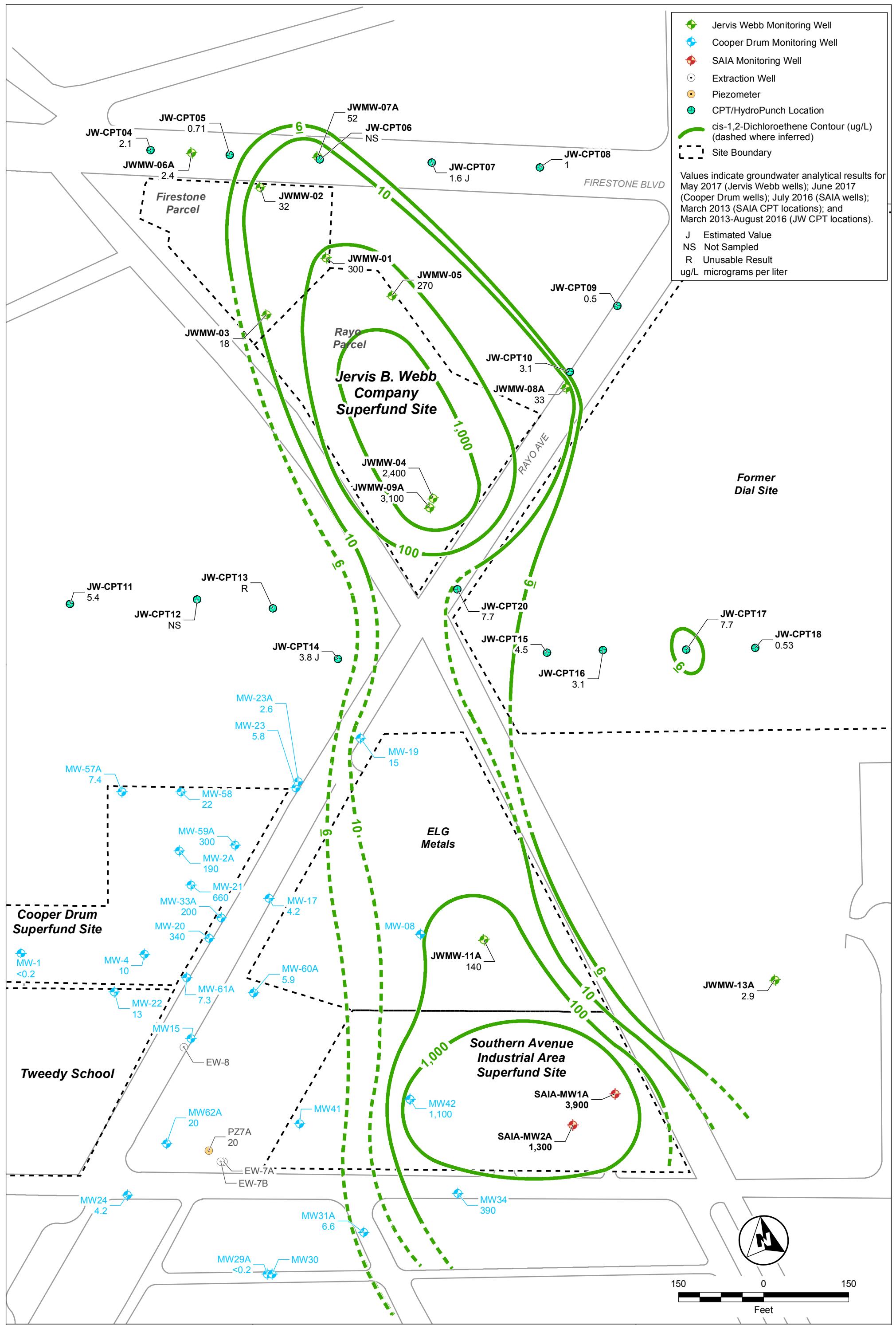
Jervis B. Webb Company Superfund Site
South Gate, Los Angeles County, California
US Environmental Protection Agency

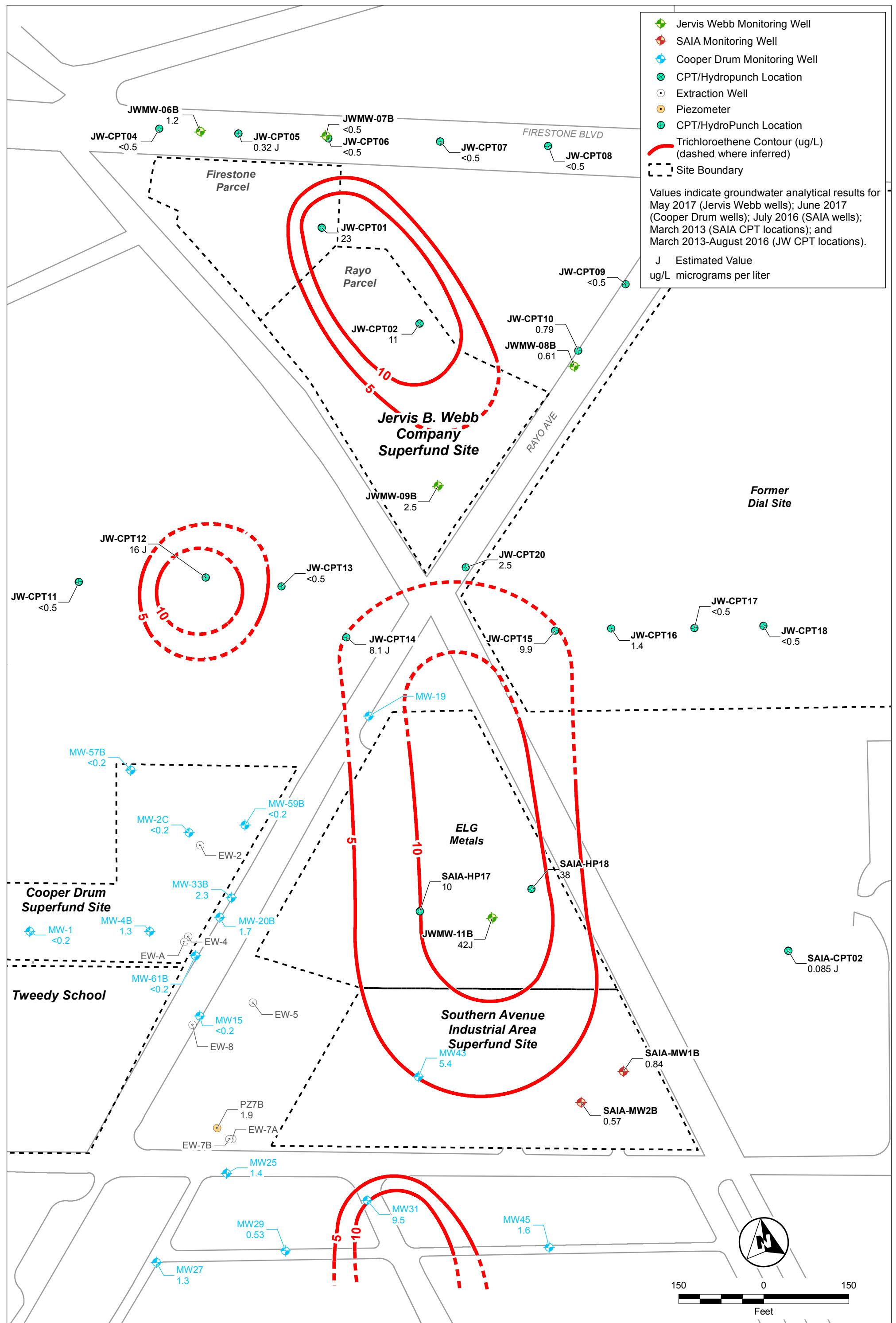
Figure 3
Groundwater Elevation Map
Intermediate Gaspur Aquifer
May 2017









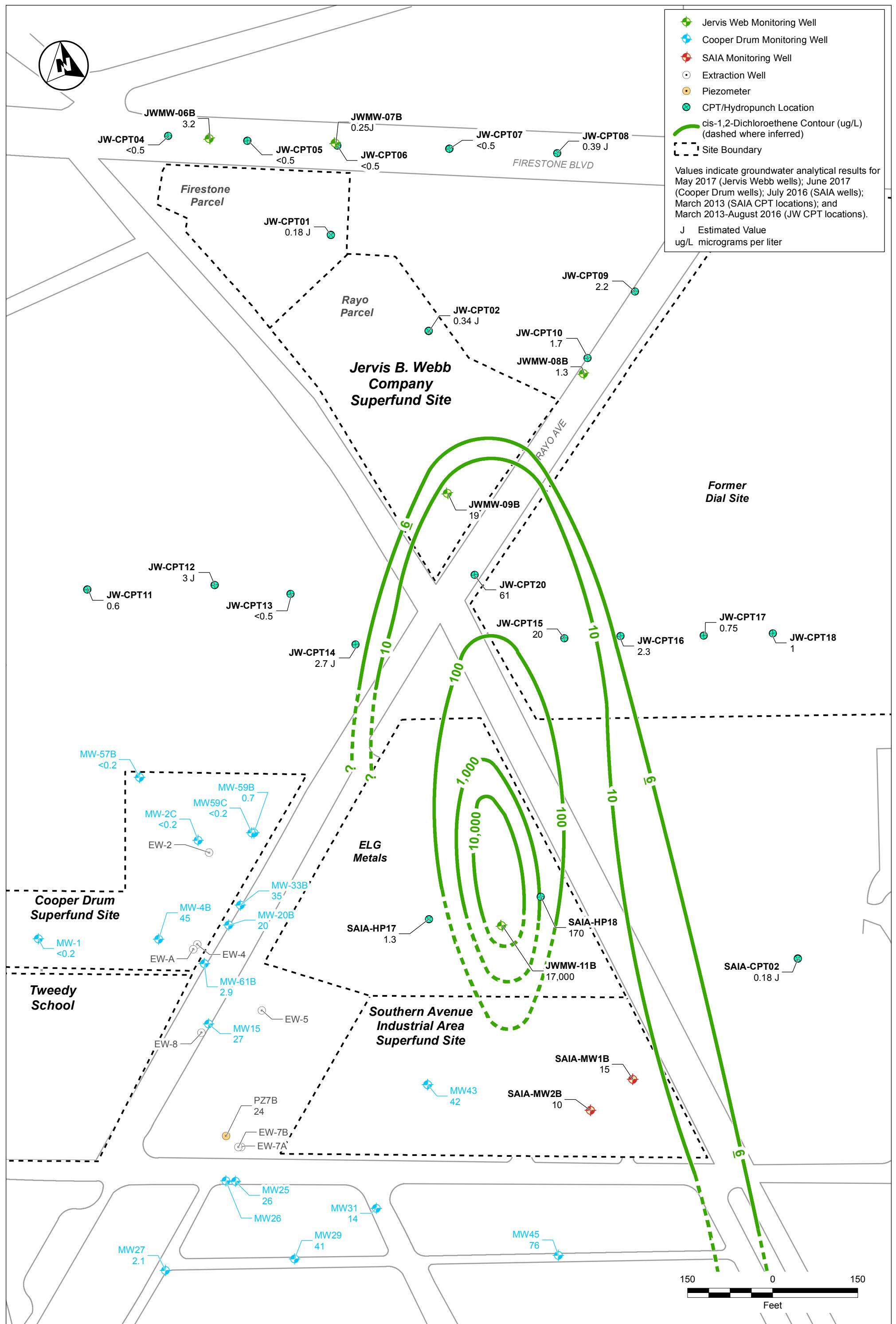


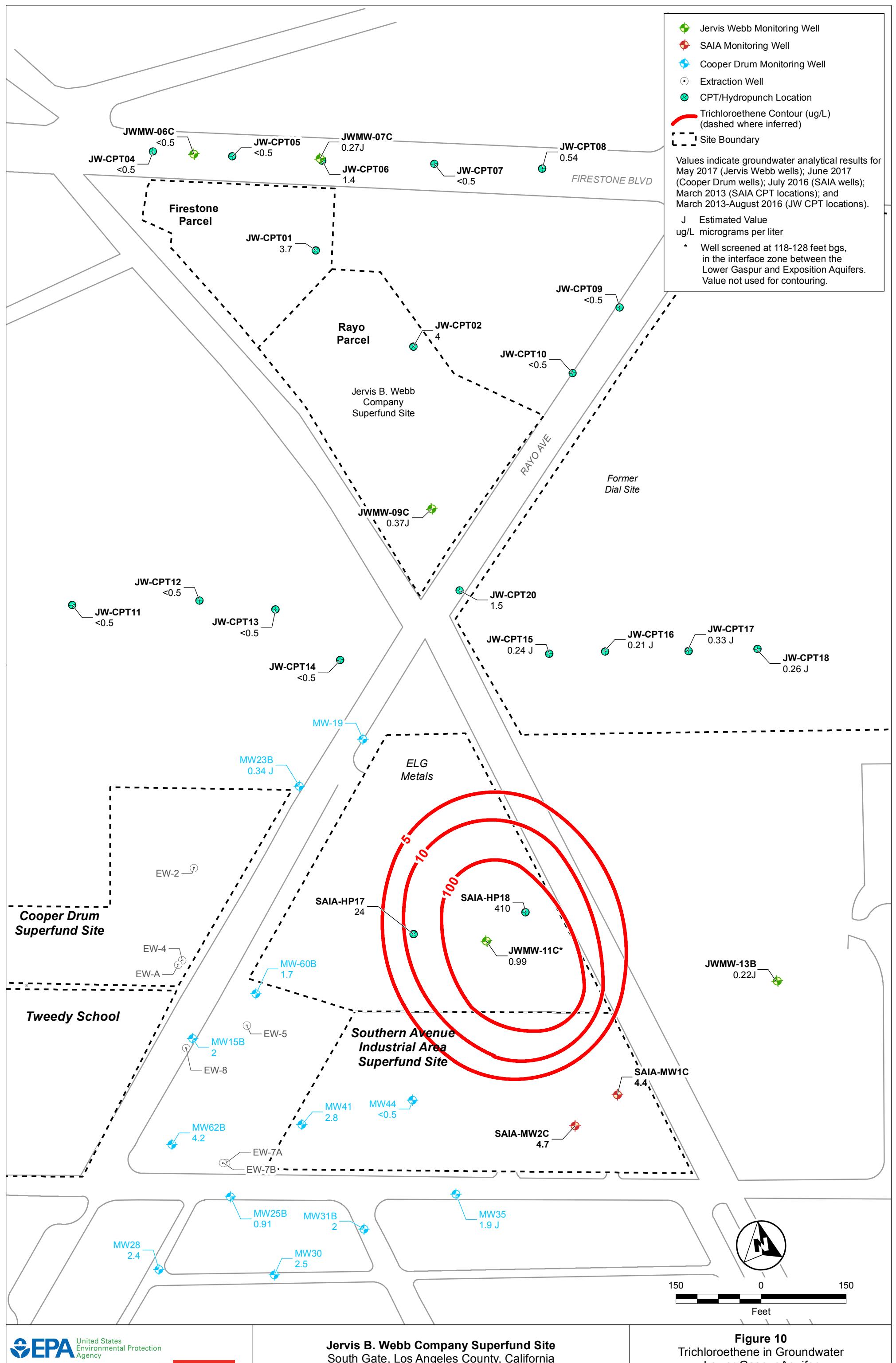
United States
Environmental Protection
Agency

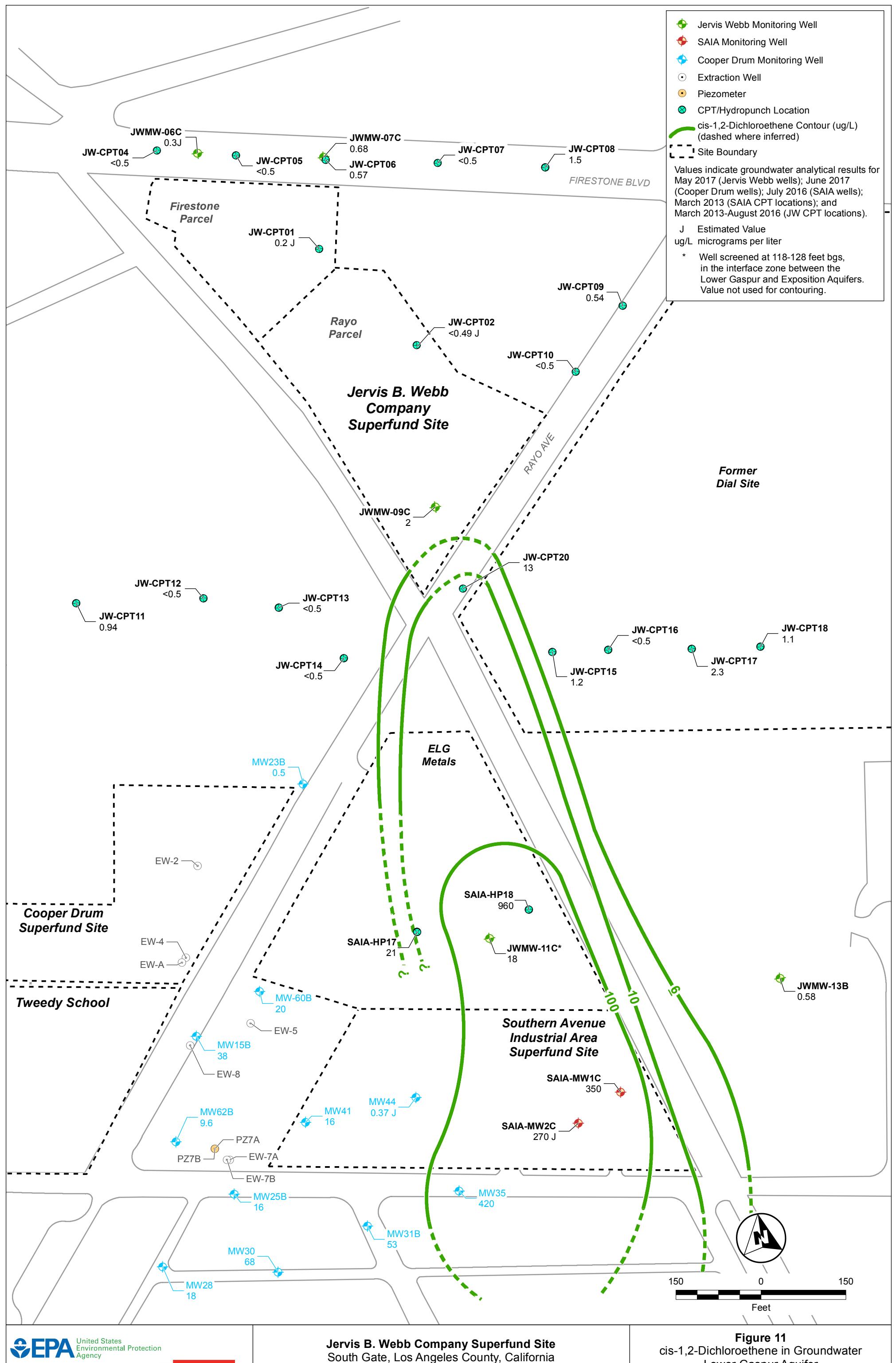
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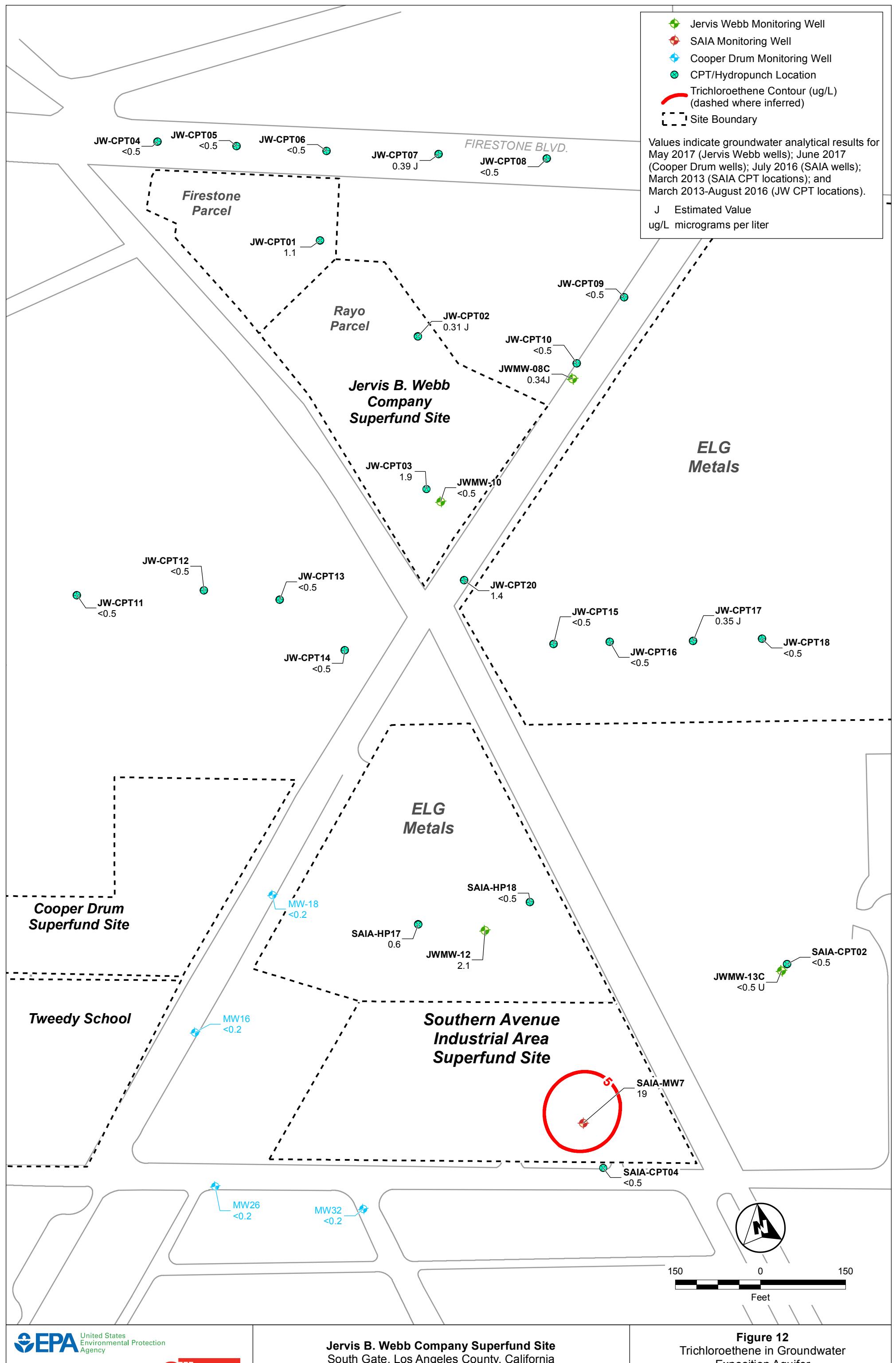
Jervis B. Webb Company Superfund Site
South Gate, Los Angeles County, California
US Environmental Protection Agency

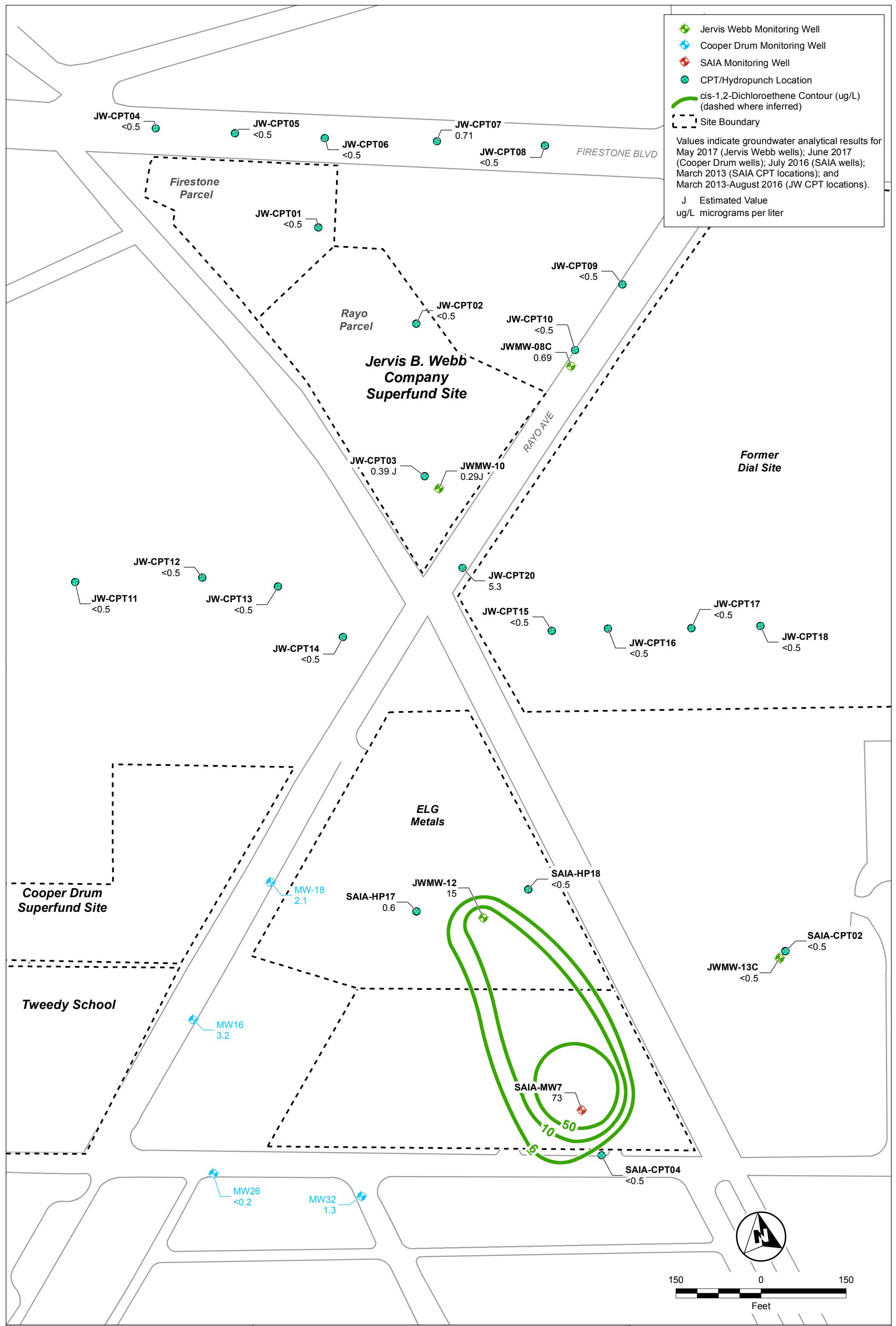
Figure 8
Trichloroethene in Groundwater
Intermediate Gaspur Aquifer
2013 - 2017











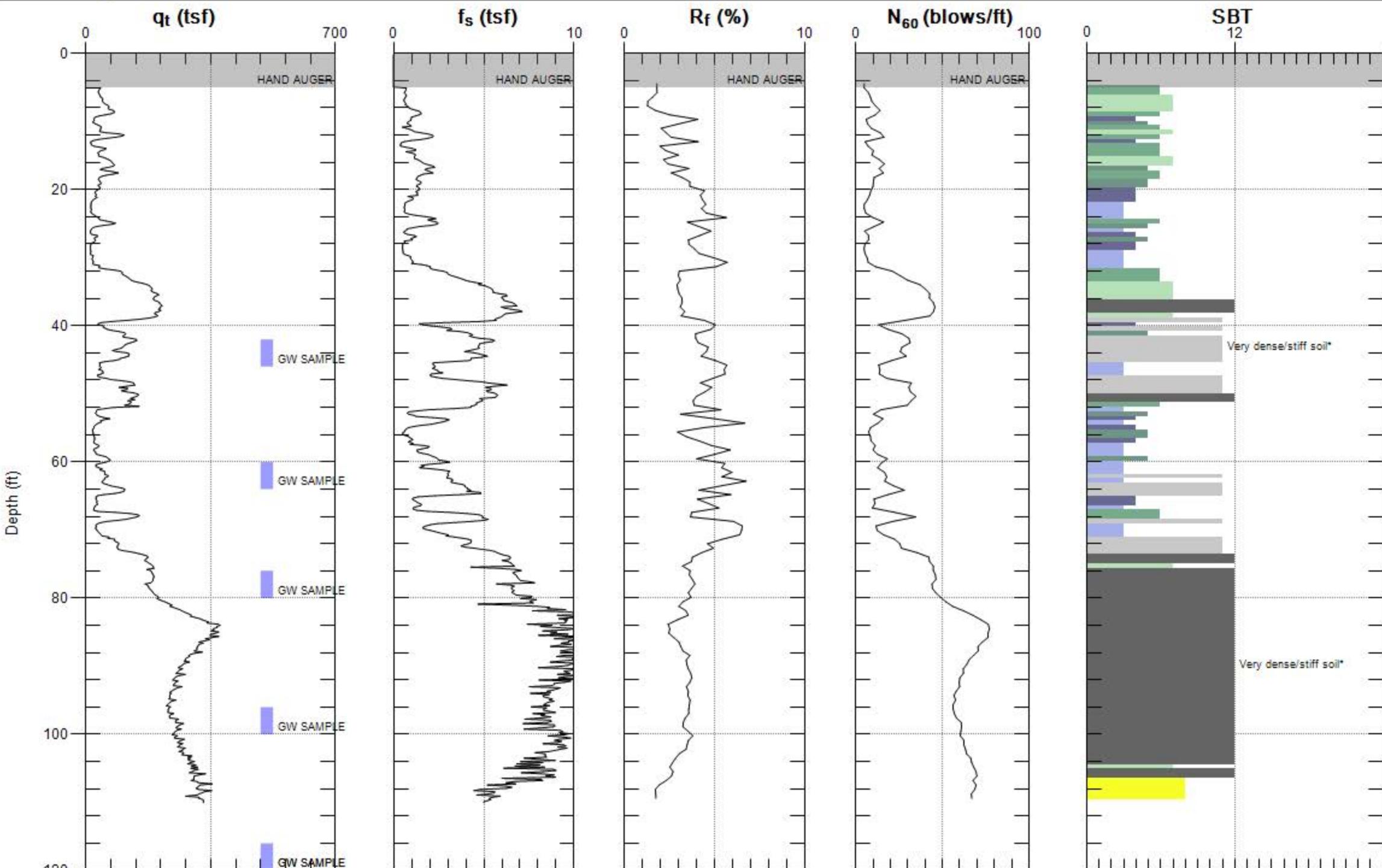
Technical Memorandum (Continued)

Groundwater Monitoring and Sampling Results, 2016 and 2017
Jervis B. Webb Company Superfund Site, South Gate, California



Attachment 1

Cone Penetrometer Testing Logs and As-built Well Logs



Max. Depth: 110.072 (ft)

Avg. Interval: 0.656 (ft)

SBT: Soil Behavior Type (Robertson 1990)



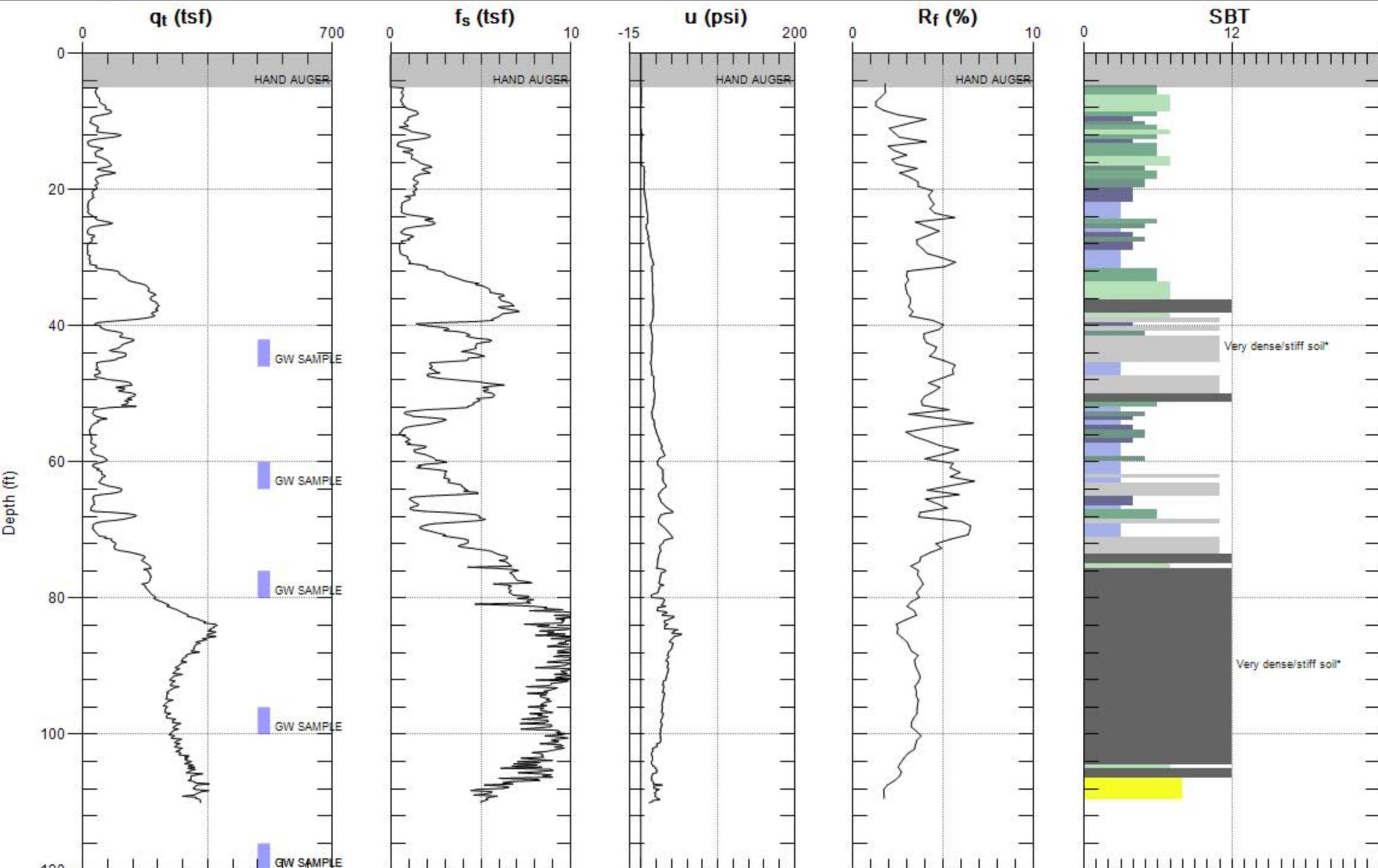
GILBANE FEDERAL

Site: SAIA

Engineer: R.LEONG

Sounding: Jw-CPT-20

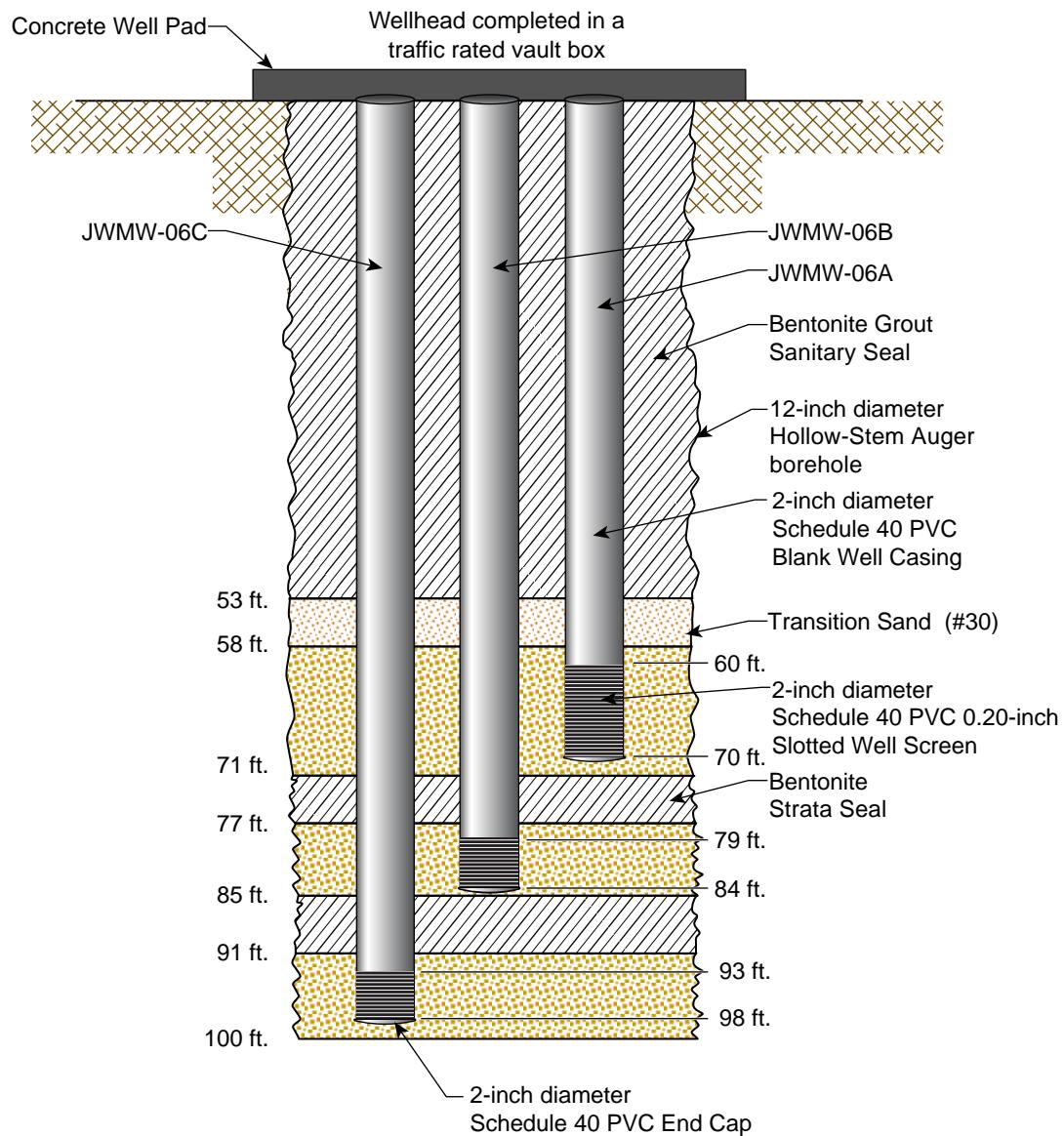
Date: 8/16/2016 07:45



Max. Depth: 110.072 (ft)

Avg. Interval: 0.656 (ft)

SBT: Soil Behavior Type (Robertson 1990)



Notes:

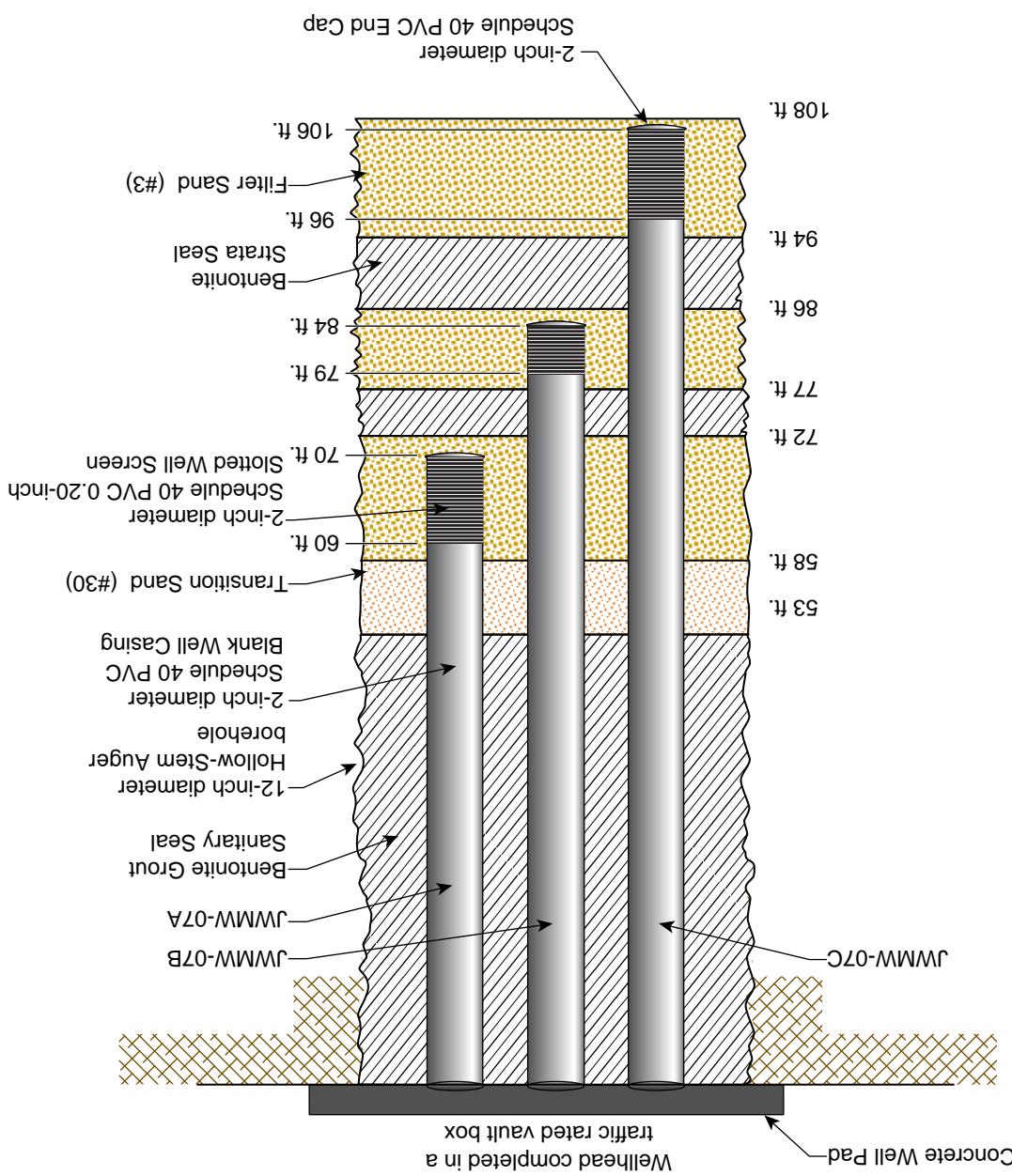
Scale is Approximate
All diameters are O.D. except the well screen,
which is nominal
PVC - polyvinyl chloride

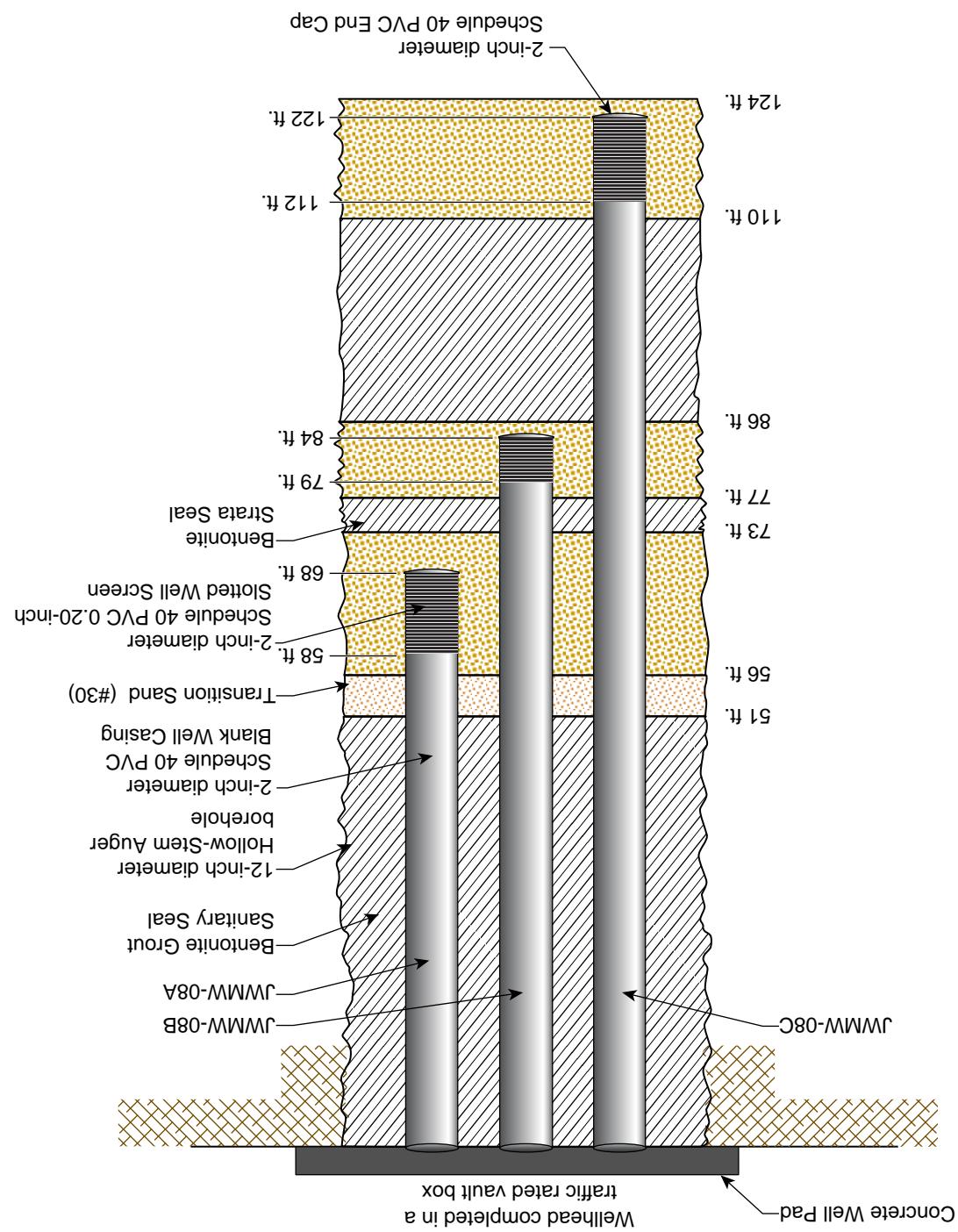
Figure A2
Jerвис Webb Company Superfund Site

US Environmental Protection Agency
 Los Angeles County, California

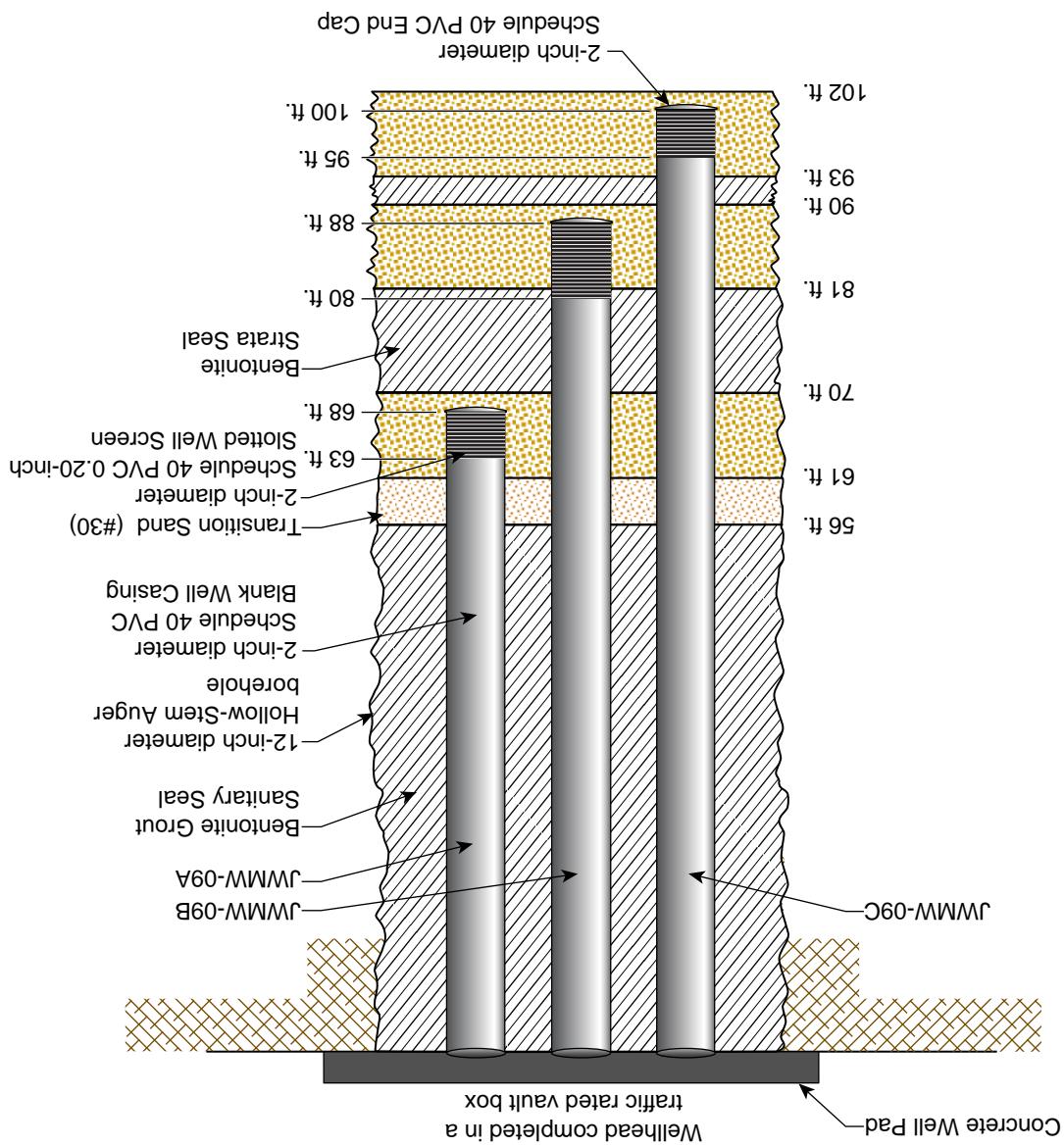
JWWW-07A/B/C As Built
 2-inch diameter

PVC - polyvinyl chloride
 which is nominal
 All diameters are O.D. except the well screen,
 Scale is approximate
 Notes:

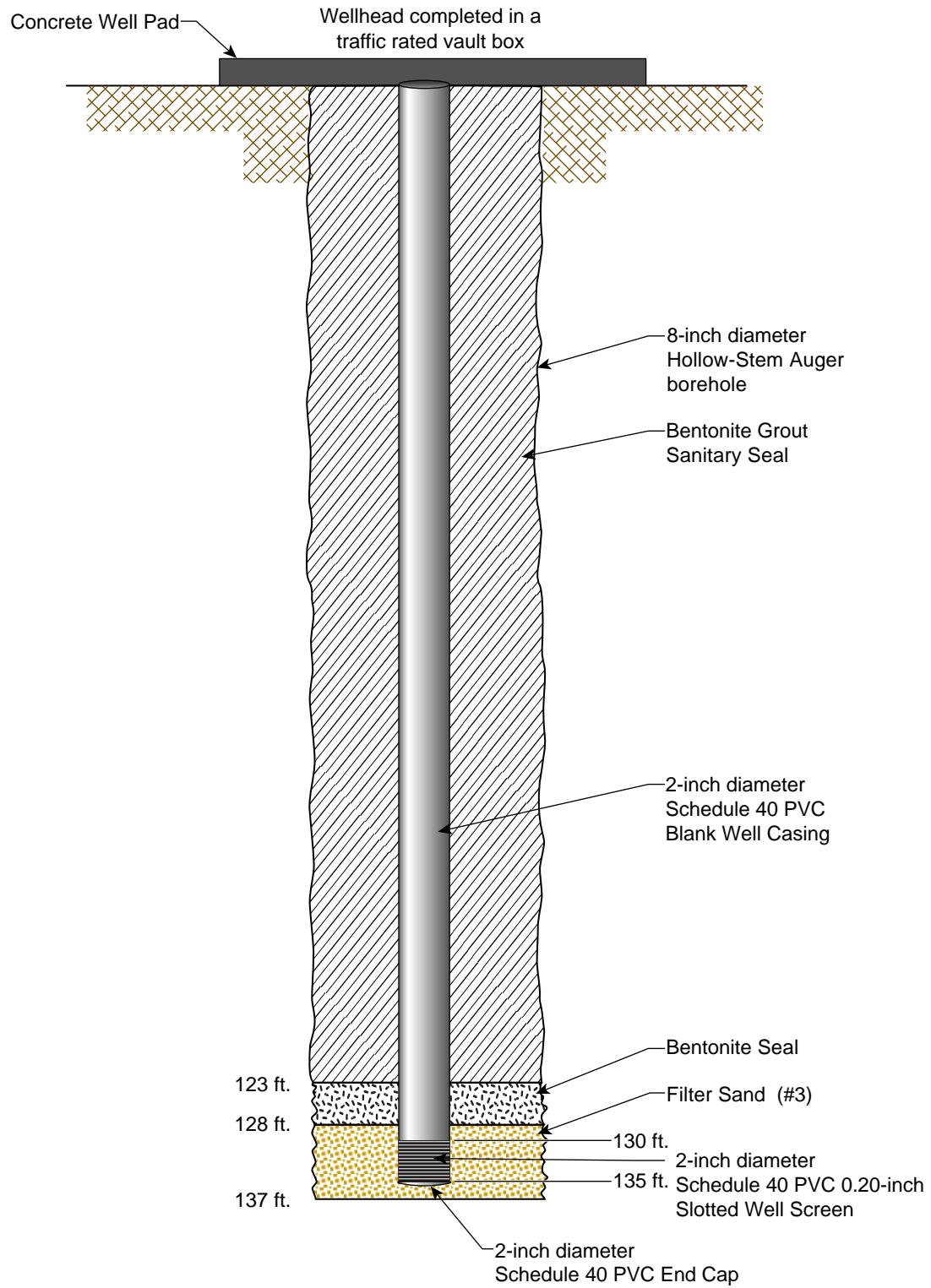




Notes:
Scale is Approximate
All diameters are O.D. except the well screen,
which is nominal
PVC - polyvinyl chloride
JWMMW-08A/B/C As Built



Notes:
Scale is approximate
All diameters are O.D. except the well screen,
which is nominal
PVC - polyvinyl chloride



Notes:

Scale is Approximate

All diameters are O.D. except the well screen,
which is nominal

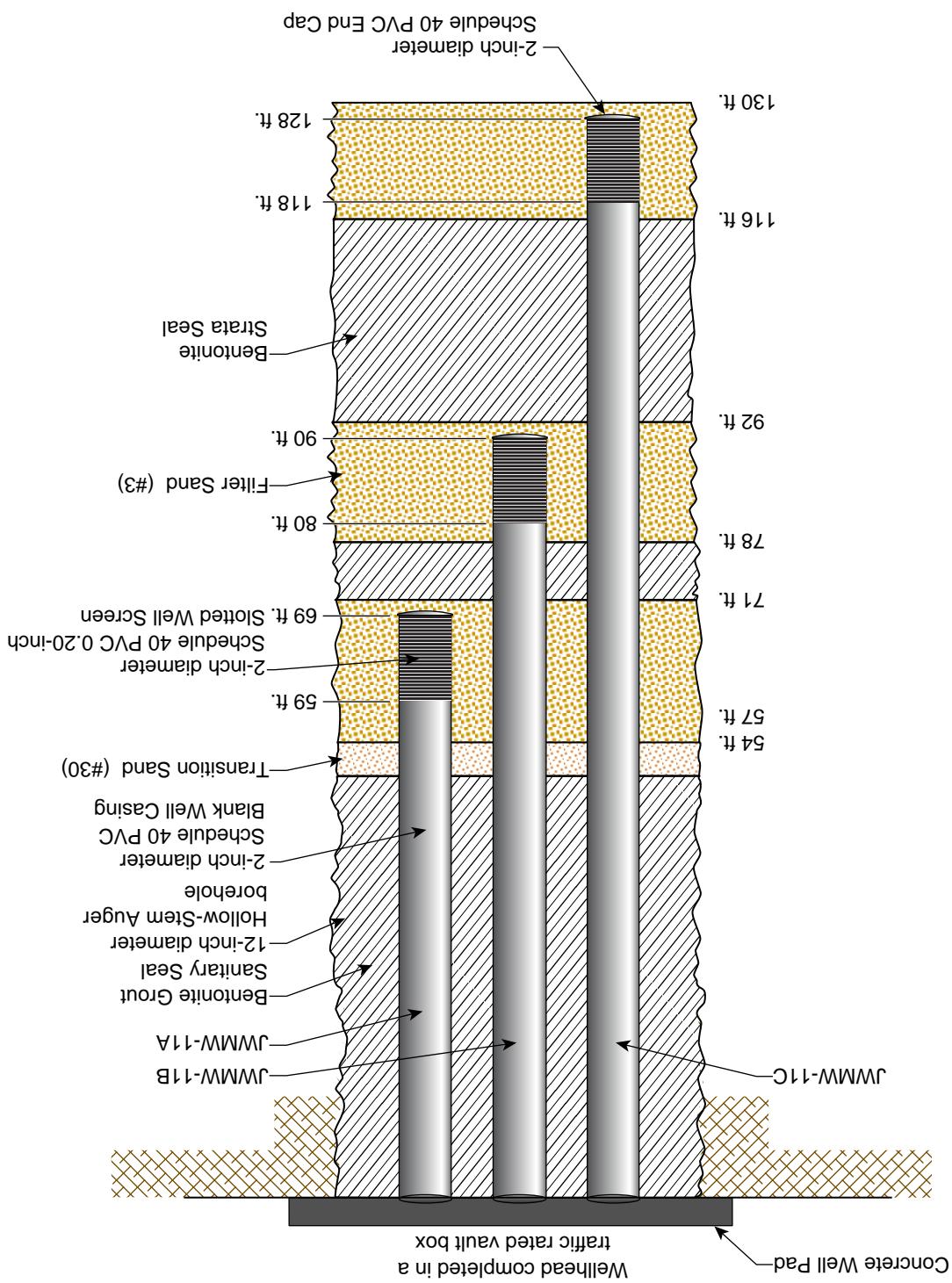
PVC - polyvinyl chloride

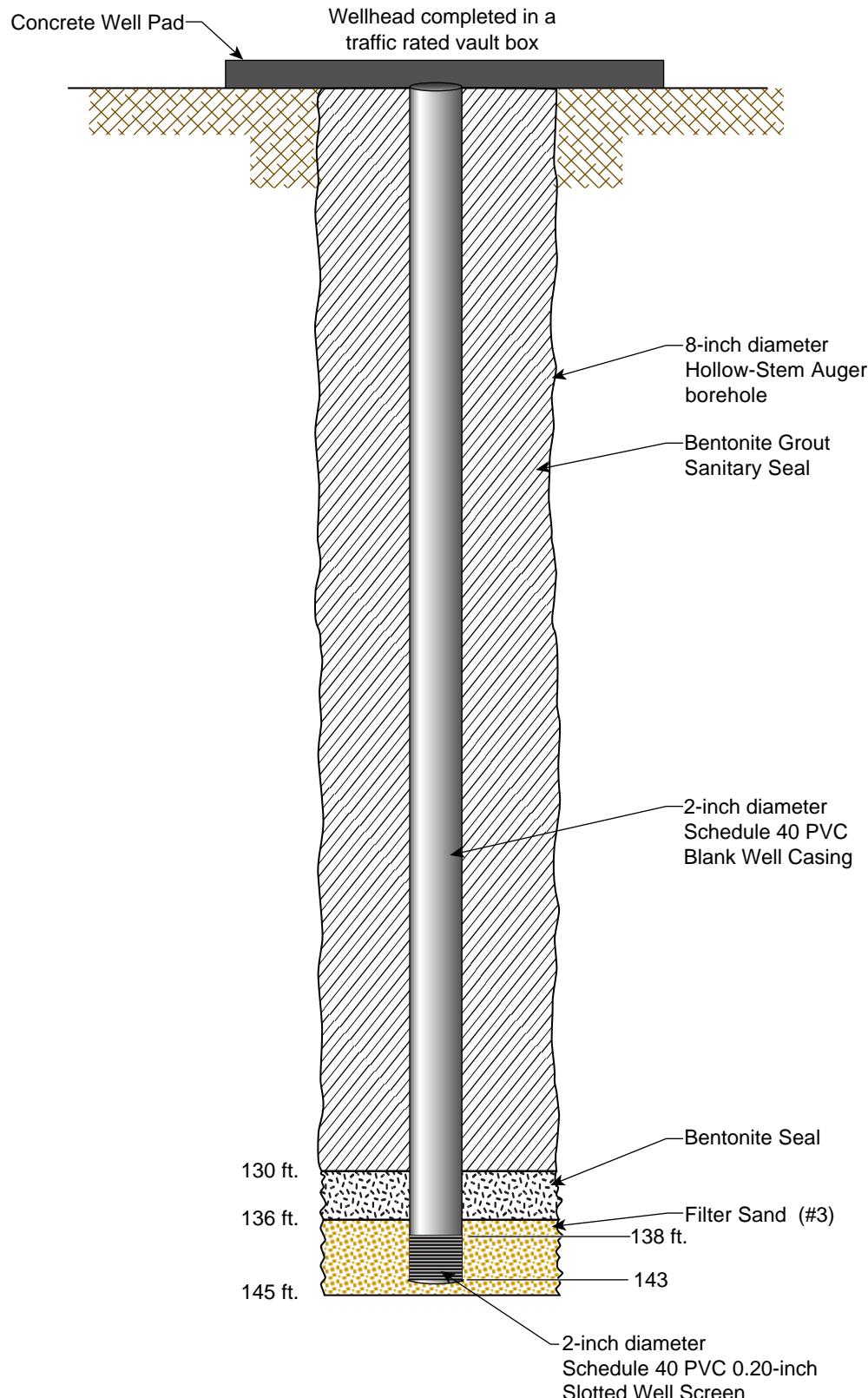
Jervis Webb Company Superfund Site
Los Angeles County, California
US Environmental Protection Agency

Figure A5
JWMW-10 As Built

P:\\EPR\\90072 TO 071-RICO-09WR_Jenis B_Web\\RL_FSI13.0_Graphics\\JWWW_11_AsBuilt.ai
Notes:
Scale is Approximate
All diameters are O.D. except the well screen,
which is nominal
PVC - polyvinyl chloride

JWWW-11A/B/C As Built
Los Angeles County, California
US Environmental Protection Agency
Figure A6
Jerris Webb Company Superfund Site





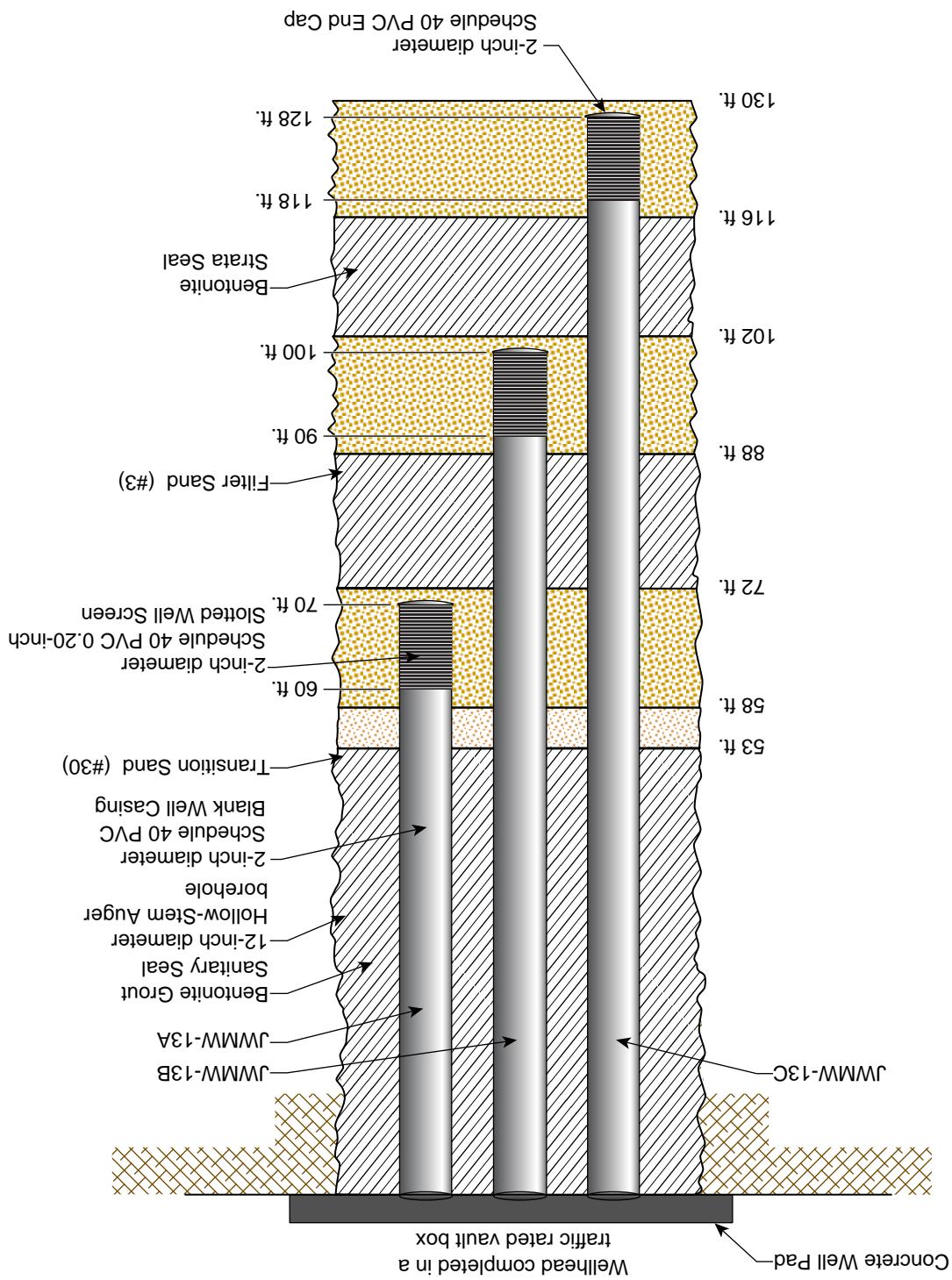
Notes:

Scale is Approximate

All diameters are O.D. except the well screen,
which is nominal

PVC - polyvinyl chloride

Figure A8
Jewell Webb Company Superfund Site
Los Angeles County, California
US Environmental Protection Agency
JWMW-13A/B/C As Built



Attachment 2

**Cooper Drum Groundwater Monitoring Well Analytical Results
(Haley and Aldrich, 2017)**

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-1	11/01/1998	Shallow/Intermediate	Primary	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	0.4 J	< 1	< 1	NA	NA
MW-1	10/01/2000	Shallow/Intermediate	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.7	< 0.5	< 0.5	NA	NA
MW-1	01/01/2004	Shallow/Intermediate	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.3	< 0.5	< 0.5	NA	NA
MW-1	04/01/2004	Shallow/Intermediate	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.2 J	< 0.5	< 0.5	< 0.5	NA	NA
MW-1	11/01/2004	Shallow/Intermediate	Primary	< 0.5	0.27 J	< 0.5	< 0.5	< 0.5	< 0.5	2.8	< 0.5	< 0.5	< 0.5	1.7	NA
MW-1	08/01/2006	Shallow/Intermediate	Primary	< 0.5	0.39 J	< 0.5	< 0.5	< 0.5	< 0.5	2.6	< 0.5	< 0.5	< 0.5	1.7	NA
MW-1	03/01/2008	Shallow/Intermediate	Primary	< 0.5	0.55	0.28 J	< 0.5	< 0.5	< 0.5	0.22 J	2.4	< 0.5	< 0.5	1.8 J	NA
MW-1	05/13/2009	Shallow/Intermediate	Primary	< 0.5	0.92	0.5 J	< 0.5	< 0.5	< 0.5	0.33 J	3.9 J	< 0.5	< 0.5	< 2	NA
MW-1	06/14/2011	Shallow/Intermediate	Primary	< 0.5	1.5	2.2	< 0.5	< 0.5	< 0.5	2.1	< 0.5	< 0.5	< 0.5	7.9	< 0.5
MW-1	12/08/2011	Shallow/Intermediate	Primary	< 0.5	2.9	2.5	< 0.5	< 0.5	< 0.5	2.6	< 0.5	< 0.5	< 0.5	17 J	< 0.5
MW-1	06/08/2012	Shallow/Intermediate	Primary	< 0.5	2.5	2.1	< 0.5	< 0.5	< 0.5	1.8	< 0.5	< 0.5	< 0.5	13 J	< 0.5
MW-1	12/12/2012	Shallow/Intermediate	Primary	< 0.5	3.5	2.4	< 0.5	< 0.5	< 0.5	1.6	< 0.5	< 0.5	< 0.5	9	< 0.5
MW-1	06/18/2013	Shallow/Intermediate	Primary	< 0.5	5.6	3.2	0.59	0.7	< 0.5	0.3 J	1.6	< 0.2	< 0.5	9.2	< 0.3
MW-1	12/12/2013	Shallow/Intermediate	Primary	< 0.5	11	4.3	0.74	0.98	< 0.5	0.36 J	2	< 0.2	< 0.5	12	< 0.3
MW-1	06/12/2014	Shallow/Intermediate	Primary	< 0.5	9.2	3.5	0.58	0.64	< 0.5	1.2	< 0.2	< 0.5	12	< 0.3	
MW-1	12/16/2014	Shallow/Intermediate	Primary	< 0.5	6.3	2.6	< 0.3	< 0.4	< 0.5	0.96	< 0.2	< 0.5	11	< 0.3	
MW-1	12/16/2014	Shallow/Intermediate	Duplicate	< 0.5	6.2	2.5	< 0.3	< 0.4	< 0.5	1	< 0.2	< 0.5	11	< 0.3	
MW-1	06/10/2015	Shallow/Intermediate	Primary	< 0.5	11	3.6	0.51	0.57	< 0.5	1.8	< 0.2	< 0.5	12	< 0.3	
MW-1	12/10/2015	Shallow/Intermediate	Primary	< 0.5	8	2.2	< 0.3	< 0.4	< 0.5	0.86	< 0.2	< 0.5	8.2	< 0.3	
MW-1	06/07/2016	Shallow/Intermediate	Primary	< 0.5	8.2	3.5	0.75	0.4 J	< 0.5	0.93	< 0.2	< 0.5	10	< 0.3	
MW-1	12/02/2016	Shallow/Intermediate	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.5	6.7	< 0.3	
MW-1	06/06/2017	Shallow/Intermediate	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.5	8.4	< 0.3	
MW-2A	06/13/2011	Shallow Gaspur	Primary	< 2	170	350	7.3	14	4.6	41	6.4	2.8	5	32	< 2
MW-2A	09/26/2011	Shallow Gaspur	Primary	< 0.5	150	260	6	14 J	29 J	35	9.2	3.2	< 0.5	13 J	< 0.5
MW-2A	09/26/2011	Shallow Gaspur	Duplicate	< 2.5	120	240	4.3	10 J	18 J	28	7.1	< 2.5	< 2.5	44 J	< 2.5
MW-2A	12/07/2011	Shallow Gaspur	Primary	< 2	84	260	3.8	14	39	53	11	3.5	5.4	42 J	< 2
MW-2A	03/28/2012	Shallow Gaspur	Primary	< 0.5	100	240	3.9	17	63	57	14	4.5	< 0.5	49	< 0.5
MW-2A	06/13/2012	Shallow Gaspur	Primary	< 2	93	240	2.8	16	65	59	16	5.4	5.4	83	< 2
MW-2A	12/14/2012	Shallow Gaspur	Primary	< 0.5	56	230	3.8	13	61	46	9.9	4.2	< 0.5	52 J	< 0.5
MW-2A	06/20/2013	Shallow Gaspur	Primary	< 0.5	52	380	5.6	15	30	37	5.5	2.6	3.7	20	< 0.3
MW-2A	12/13/2013	Shallow Gaspur	Primary	< 5	46	320	< 3	15	37	29	7.3	< 2	< 5	16	< 3
MW-2A	06/12/2014	Shallow Gaspur	Primary	< 1	38	230	4.4	9.4	11	15	2	1.8	< 1	11	< 0.6
MW-2A	12/18/2014	Shallow Gaspur	Primary	< 1	29	190	4.3	8.8	8.9	12	1.1	1.6	< 1	9.1	< 0.6
MW-2A	06/08/2015	Shallow Gaspur	Primary	< 0.5	35	150	4	8.4	6.4	11	1.2	1.9	2.9	6.3	< 0.3
MW-2A	12/11/2015	Shallow Gaspur	Primary	< 0.5	29	310	6.3	14	12	18	1.7	2.9	3.4	6.6	< 0.3
MW-2A	06/08/2016	Shallow Gaspur	Primary	< 0.5	49	190	7.9	11	4.3	12	1.2	4	< 0.5	4.6	< 0.3
MW-2B	06/13/2011	Shallow Gaspur	Primary	< 0.5	12	20	2.9	0.99	1.2	2.5	0.68	2.1	< 0.5	13	< 0.5
MW-2B	09/26/2011	Shallow Gaspur	Primary	< 0.5	11	27	1.6	0.89	1.4	3.3	1	1.3	< 0.5	14	< 0.5
MW-2B	12/08/2011	Shallow Gaspur	Primary	< 0.5	17	27	1.6	1.2	2.9	3.5	1.3	1.7	< 0.5	15 J	< 0.5
MW-2B	03/27/2012	Shallow Gaspur	Primary	< 0.5	12	35	2.1	1.6	4.1	4.1	1.5	1.7	< 0.5	16 J	< 0.5
MW-2B	06/13/2012	Shallow Gaspur	Primary	< 0.5	1.5 </td										

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L	
MW-2B	06/09/2015	Shallow Gaspur	Duplicate	< 0.5	0.93 J	9.3	3.8	0.42 J	1.8	1	0.43 J	2.6	< 0.5	18	< 0.3	
MW-2B	12/11/2015	Shallow Gaspur	Primary	< 0.5	0.57	16	3.9	0.58	1.6	1.2	< 0.3	4.5	< 0.5	13	< 0.3	
MW-2B	06/09/2016	Shallow Gaspur	Primary	< 0.5	0.58	9.7	5	0.49 J	2.1	0.92	0.41 J	5.4	< 0.5	9.4	< 0.3	
MW-2B	12/01/2016	Shallow Gaspur	Primary	< 0.5	0.44 J	7.7	2.8	< 0.4	2	0.66	< 0.3	4.5	< 0.5	12	< 0.3	
MW-2B	12/01/2016	Shallow Gaspur	Duplicate	< 0.5	0.39 J	8.1	3.1	0.55	2.2	0.78	< 0.3	4.8	< 0.5	11	< 0.3	
MW-2B	06/06/2017	Shallow Gaspur	Primary	< 0.5	< 0.2	0.88	1	< 0.4	< 0.5	< 0.2	< 0.3	0.93	< 0.5	1.2 J	< 0.3	
MW-2C	06/13/2011	Intermediate Gaspur	Primary	< 0.5	1.1	2.6	< 0.5	< 0.5	< 0.5	2.7	< 0.5	< 0.5	< 4	< 0.5		
MW-2C	09/27/2011	Intermediate Gaspur	Primary	< 0.5	4.7	4.1	< 0.5	< 0.5	< 0.5	2.8	< 0.5	< 0.5	< 1.1 J	< 0.5		
MW-2C	12/08/2011	Intermediate Gaspur	Primary	< 0.5	0.75	1.5	< 0.5	< 0.5	< 0.5	2.8	< 0.5	< 0.5	< 0.95	< 0.5		
MW-2C	03/26/2012	Intermediate Gaspur	Primary	< 0.5	0.89	1.7	< 0.5	< 0.5	< 0.5	2.8	< 0.5	< 0.5	< 0.94 J	< 0.5		
MW-2C	06/13/2012	Intermediate Gaspur	Primary	< 0.5	0.81	1.6	< 0.5	< 0.5	< 0.5	2.7	< 0.5	< 0.5	< 1	< 0.5		
MW-2C	12/13/2012	Intermediate Gaspur	Primary	< 0.5	< 0.5	1.9	< 0.5	< 0.5	< 0.5	1.9	< 0.5	< 0.5	< 0.95	< 0.5		
MW-2C	06/20/2013	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	1.6	< 0.2	< 0.5	< 1	< 0.3		
MW-2C	12/13/2013	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	2.4	< 0.2	< 0.5	< 1	< 0.3		
MW-2C	06/12/2014	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	1.7	< 0.2	< 0.5	1.1 J	< 0.3		
MW-2C	12/18/2014	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	1.4	< 0.2	< 0.5	< 1	< 0.3		
MW-2C	06/09/2015	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	2.5	< 0.2	< 0.5	< 1	< 0.3		
MW-2C	12/11/2015	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	1.7	< 0.2	< 0.5	< 1	< 0.3		
MW-2C	12/11/2015	Intermediate Gaspur	Duplicate	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	1.8	< 0.2	< 0.5	< 1	< 0.3		
MW-2C	06/09/2016	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	2	< 0.2	< 0.5	< 1	< 0.3	
MW-2C	12/01/2016	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	1.8	< 0.2	< 0.5	1 J	< 0.3		
MW-2C	06/06/2017	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3	
MW-4	11/01/1998	Shallow/Intermediate	Primary	< 1	8	14	2	0.9 J	0.9	1	0.5	< 1	< 1	NA	NA	
MW-4	10/01/2000	Shallow/Intermediate	Primary	< 0.5	6	15	2	1	1	4	1	< 0.5	0.3 J	NA	NA	
MW-4	03/01/2003	Shallow/Intermediate	Primary	< 1	12	38	7	2	2	8	3	< 1	< 1	NA	NA	
MW-4	01/01/2004	Shallow/Intermediate	Primary	< 0.5	6.8	23	2.6	0.93	0.86	3.7	1.3	0.23 J	< 0.5	NA	NA	
MW-4	11/01/2004	Shallow/Intermediate	Primary	< 0.5	15	30 D	6.8	3	5	8.4	< 0.5	0.42 J	< 0.5	12	NA	
MW-4	08/01/2006	Shallow/Intermediate	Primary	< 0.5	11	24 D	3.7	2	1.3	8.8	2.8	< 0.5	0.67	15	NA	
MW-4	03/01/2008	Shallow/Intermediate	Primary	< 0.5	8.4	19 D	2.8	1.8	1.5	8.5	3.6	0.33 J	< 0.5	15	NA	
MW-4	05/13/2009	Shallow/Intermediate	Primary	< 0.5	9.5	20	2.6	1.4	< 0.5	9.4	4.5	0.31 J	0.41 J	13	NA	
MW-4	06/15/2011	Shallow/Intermediate	Primary	< 0.5	6.7	17	1.9	1.4	1	17	6.2	< 0.5	< 0.5	35	< 0.5	
MW-4	12/08/2011	Shallow/Intermediate	Primary	< 0.5	8.3	14	1.5	1.2	1	17	6	< 0.5	< 0.5	26	< 0.5	
MW-4	06/07/2012	Shallow/Intermediate	Primary	< 0.5	7.9	13	1.8	1.2	0.93	17	5.1	< 0.5	< 0.5	19 J	< 0.5	
MW-4	12/11/2012	Shallow/Intermediate	Primary	< 0.5	5.3	10	0.78	0.82	< 0.5	14	5.4	< 0.5	< 0.5	40 J	< 0.5	
MW-4	06/17/2013	Shallow/Intermediate	Primary	< 0.5	1.6	7.4	0.42 J	0.53	< 0.5	11	2.4	< 0.2	< 0.5	29	< 0.3	
MW-4	12/12/2013	Shallow/Intermediate	Primary	< 0.5	0.4 J	2.5	< 0.3	< 0.4	< 0.5	1	< 0.3	< 0.2	< 0.5	29	< 0.3	
MW-4	06/12/2014	Shallow/Intermediate	Primary	< 0.5	0.31 J	2.2	< 0.3	< 0.4	< 0.5	1.2	0.57	< 0.2	< 0.5	31	< 0.3	
MW-4	12/19/2014	Shallow/Intermediate	Primary	< 0.5	0.38 J	2.6	< 0.3	< 0.4	< 0.5	2	0.6	< 0.2	< 0.5	29	< 0.3	
MW-4	06/11/2015	Shallow/Intermediate	Primary	< 0.5	0.52	2.3	< 0.3	< 0.4	< 0.5	2.4	1 J	< 0.2	< 0.5	31	< 0.3	
MW-4	12/07/2015	Shallow/Intermediate	Primary	< 0.5	0.39 J	5.5	0.55	< 0.4	< 0.5	3.1	0.77	< 0.2	< 0.5	16	< 0.3	
MW-4	06/10/2016	Shallow/Intermediate	Primary	< 0.5	< 0.2	5.6	< 0									

TABLE V

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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-4B	03/26/2012	Intermediate Gaspur	Primary	< 0.5	1.2	8.4	< 0.5	2.3	< 0.5	< 0.5	5.7	0.66	< 0.5	< 0.94 J	< 0.5
MW-4B	06/07/2012	Intermediate Gaspur	Primary	< 0.5	0.84	5.5	< 0.5	1.2	< 0.5	< 0.5	4.3	< 0.5	< 0.5	< 0.94	< 0.5
MW-4B	12/12/2012	Intermediate Gaspur	Primary	< 0.5	0.56	9.4	< 0.5	2.6	< 0.5	< 0.5	4.5	0.73	< 0.5	< 0.95	< 0.5
MW-4B	06/20/2013	Intermediate Gaspur	Primary	< 0.5	< 0.2	12	< 0.3	4	< 0.5	< 0.2	4.1	1.1	< 0.5	1 J	< 0.3
MW-4B	12/12/2013	Intermediate Gaspur	Primary	< 0.5	0.38 J	28	< 0.3	7.9	< 0.5	< 0.2	3.3	4.2	< 0.5	< 1	< 0.3
MW-4B	06/12/2014	Intermediate Gaspur	Primary	< 0.5	1.4	33	< 0.3	9	< 0.5	< 0.2	2.6	5.6	< 0.5	1.1 J	< 0.3
MW-4B	12/19/2014	Intermediate Gaspur	Primary	< 0.5	1.4	26	< 0.3	7	< 0.5	< 0.2	1.4	5.2	< 0.5	< 1	< 0.3
MW-4B	06/11/2015	Intermediate Gaspur	Primary	< 0.5	1.6	31	< 0.3	9.1	0.87	< 0.2	3.1 J	7.8	< 0.5	< 1	< 0.3
MW-4B	12/07/2015	Intermediate Gaspur	Primary	< 0.5	1.2	32	< 0.3	9.7	2.3	< 0.2	2.2	7.1	< 0.5	< 1	< 0.3
MW-4B	06/10/2016	Intermediate Gaspur	Primary	< 0.5	1.2	36	< 0.3	11	1.6	< 0.2	2.7	6.2	< 0.5	< 1	< 0.3
MW-4B	06/10/2016	Intermediate Gaspur	Duplicate	< 0.5	1.1	39	< 0.3	12	1.6	< 0.2	3.6	6.8	< 0.5	< 1	< 0.3
MW-4B	12/02/2016	Intermediate Gaspur	Primary	< 0.5	1.3	45	< 0.3	14	2.3	< 0.2	3.7	5.7	< 0.5	< 1	< 0.3
MW-4B	06/08/2017	Intermediate Gaspur	Primary	< 0.5	0.52	8.8	< 0.3	2.8	0.91	< 0.2	1.8	1.6	< 0.5	< 1	< 0.3
MW-15	12/01/2000	Intermediate Gaspur	Primary	1	590	150	10	7	2.2	22	4.1	1	2	NA	NA
MW-15	02/01/2001	Intermediate Gaspur	Primary	2	700	170	10	6	2	20	3.7	1	2	NA	NA
MW-15	05/01/2003	Intermediate Gaspur	Primary	< 10 *	250	98	9 J	3 J	< 10 *	10 J	11	< 10 *	< 10 *	NA	NA
MW-15	01/01/2004	Intermediate Gaspur	Primary	0.3 J	360 D	160 D	6.7	6.5	1.2	14	14	0.85	4.1	NA	NA
MW-15	07/01/2004	Intermediate Gaspur	Primary	< 0.5	87 D	70 D	3.9	3.5	1.1	7.3	3.9	0.43 J	1.3	54	NA
MW-15	08/01/2006	Intermediate Gaspur	Primary	< 0.5	17	82 D	1.1	2.3	< 0.5	1.6	2.5	0.36 J	< 0.5	12	NA
MW-15	03/01/2008	Intermediate Gaspur	Primary	< 0.5	37 D	57 D	1.6	2.6	1.3	3.6	3.6	0.31 J	< 0.5	7.5	NA
MW-15	05/13/2009	Intermediate Gaspur	Primary	< 0.5	27 D	55 D	1.8	2	1.7 J	3.9	3.6	0.4 J	< 0.5	6	NA
MW-15	07/15/2010	Intermediate Gaspur	Primary	< 0.5	18	50	1.8	2.2	1.5 J	3.4 J	2.9	0.62	0.58	7.4 J	< 0.5
MW-15	06/17/2013	Intermediate Gaspur	Primary	< 0.5	0.36 J	30	0.59	3	0.9	1.1	1.8	3.8	< 0.5	6	< 0.3
MW-15	12/11/2013	Intermediate Gaspur	Primary	< 0.5	< 0.2	34	0.47 J	2.2	< 0.5	0.8	2.2	6.7	< 0.5	4.3	< 0.3
MW-15	06/11/2014	Intermediate Gaspur	Primary	< 0.5	0.38 J	28	< 0.3	1.7	< 0.5	< 0.2	1.6	3.4	< 0.5	3.6	< 0.3
MW-15	12/19/2014	Intermediate Gaspur	Primary	< 0.5	0.47 J	32	< 0.3	7.8	< 0.5	< 0.2	2	4.6	< 0.5	1 J	< 0.3
MW-15	06/08/2015	Intermediate Gaspur	Primary	< 0.5	0.5	30	< 0.3	9.8	0.75	< 0.2	4.4	5.1	< 0.5	< 1	< 0.3
MW-15	12/07/2015	Intermediate Gaspur	Primary	< 0.5	0.84	35	< 0.3	8.1	0.66	0.37 J	3.3	4.7	< 0.5	< 1	< 0.3
MW-15	06/07/2016	Intermediate Gaspur	Primary	< 0.5	2.6	52	0.82	3.7	0.81	0.87	2.1	2	< 0.5	1.7 J	< 0.3
MW-15	06/07/2016	Intermediate Gaspur	Re-analyzed	< 0.5	2.6	53	0.95	3.4	0.72	0.81	2.1	1.7	< 0.5	NA	< 0.3
MW-15	11/30/2016	Intermediate Gaspur	Primary	< 0.5	< 0.2	25	< 0.3	6.4	0.55	< 0.2	3.6	2.4	< 0.5	1.1 J	< 0.3
MW-15	06/07/2017	Intermediate Gaspur	Primary	< 0.5	< 0.2	27	0.35 J	2.9	< 0.5	0.54	2.6	2.8	< 0.5	2.7	< 0.3
MW-15B	05/01/2009	Lower Gaspur	Primary	< 0.5	32 D	120 D	1.7	4.1	8.2	13	4.5	0.64	< 0.5	17	NA
MW-15B	07/14/2010	Lower Gaspur	Primary	< 0.5	13	100	2.1	4.9	8.3	6.5	5.9	< 0.5	0.73	9.4 J	< 0.5
MW-15B	07/14/2010	Lower Gaspur	Duplicate	< 0.5	13	100	2	4.7	7.7	6.3	6	< 0.5	0.72	9 J	< 0.5
MW-15B	06/15/2011	Lower Gaspur	Primary	< 0.5	13	120	2.9	5.9	5.6	7.2	7	0.9	0.84	14	< 0.5
MW-15B	12/07/2011	Lower Gaspur	Primary	< 1	7.3	100	1.8	4.7	2.5	4.5	5.3	1.2	< 1	14	< 1
MW-15B	06/08/2012	Lower Gaspur	Primary	< 0.5	7	92	1.7	4.9	2.9	4	5.1	1.9	0.71	12 J	< 0.5
MW-15B	12/12/2012	Lower Gaspur	Primary	< 0.5	4.8	72	1.3	4	2.2	2.8	4.1	2.7	0.56	12	< 0.5
MW-15B	06/18/2013	Lower Gaspur	Primary	< 0.5	< 0.2	67	1.6								

TABLE V

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MW-15B	06/07/2016	Lower Gaspur	Re-analyzed	< 0.5	< 0.2	21	< 0.3	4	< 0.5	< 0.2	2.6	1.9	< 0.5	NA	< 0.3			
MW-15B	11/30/2016	Lower Gaspur	Primary	< 0.5	2.2	41	0.63	3.3	0.7	0.72	1.6	1.2	< 0.5	< 1	< 0.3			
MW-15B	11/30/2016	Lower Gaspur	Duplicate	< 0.5	2	38	0.68	3.3	0.57	0.58	1.5	1	< 0.5	< 1	< 0.3			
MW-15B	06/06/2017	Lower Gaspur	Primary	< 0.5	0.71	34	0.42 J	2.7	1.5	0.7	1.8	1.6	< 0.5	2.9	< 0.3			
MW-16	12/01/2000	Exposition	Primary	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 0.5	< 1	< 1	NA	NA			
MW-16	02/01/2001	Exposition	Primary	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 0.5	< 1	< 1	NA	NA			
MW-16	03/01/2003	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.2 J	< 0.5	< 0.5	NA	NA		
MW-16	01/01/2004	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA		
MW-16	11/01/2004	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	NA		
MW-16	08/01/2006	Exposition	Primary	< 0.5	< 0.5	0.25 J	< 0.5	< 0.5	< 0.5	< 0.5	0.58	< 0.5	< 0.5	< 0.5	< 1	NA		
MW-16	03/01/2008	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.79	< 0.5	< 0.5	< 0.5	< 2	NA		
MW-16	05/13/2009	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA		
MW-16	06/14/2011	Exposition	Primary	< 0.5	< 0.5	0.59	< 0.5	< 0.5	< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 3.6	< 0.5		
MW-16	06/14/2011	Exposition	Duplicate	< 0.5	< 0.5	0.58	< 0.5	< 0.5	< 0.5	< 0.5	1	< 0.5	< 0.5	< 0.5	< 3.6	< 0.5		
MW-16	12/05/2011	Exposition	Primary	< 0.5	< 0.5	0.61	< 0.5	< 0.5	< 0.5	< 0.5	1.2	< 0.5	< 0.5	< 0.5	< 0.94	< 0.5		
MW-16	12/13/2012	Exposition	Primary	< 0.5	< 0.5	1.2	< 0.5	< 0.5	< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5	1.1	< 0.5		
MW-16	12/13/2012	Exposition	Duplicate	< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5	1.9	< 0.5		
MW-16	12/11/2013	Exposition	Primary	< 0.5	< 0.2	2	< 0.3	< 0.4	< 0.5	< 0.2	1.1	< 0.2	< 0.5	< 1	< 0.3	NA		
MW-16	12/19/2014	Exposition	Primary	< 0.5	< 0.2	2	< 0.3	< 0.4	< 0.5	< 0.2	0.72	< 0.2	< 0.5	< 1	< 0.3	NA		
MW-16	12/07/2015	Exposition	Primary	< 0.5	< 0.2	2.4	< 0.3	< 0.4	< 0.5	< 0.2	1.1	< 0.2	< 0.5	< 1	< 0.3	NA		
MW-16	06/07/2016	Exposition	Primary	< 0.5	< 0.2	2.4	< 0.3	< 0.4	< 0.5	< 0.2	1.1	< 0.2	< 0.5	< 1	< 0.3	NA		
MW-16	11/30/2016	Exposition	Primary	< 0.5	< 0.2	2.7	< 0.3	< 0.4	< 0.5	< 0.2	0.96	< 0.2	< 0.5	< 1.3 J	< 0.3	NA		
MW-16	06/06/2017	Exposition	Primary	< 0.5	< 0.2	3.2	< 0.3	< 0.4	< 0.5	< 0.2	0.8	< 0.2	< 0.5	2.2	< 0.3	NA		
MW-17	12/01/2000	Shallow Gaspur	Primary	< 1	3	0.5 J	< 1	< 1	< 0.5	0.3 J	< 1	< 1	< 1	NA	NA	NA		
MW-17	02/01/2001	Shallow Gaspur	Primary	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	NA	NA	NA		
MW-17	03/01/2003	Shallow Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.2 J	< 0.5	< 0.5	NA	NA	NA	
MW-17	01/01/2004	Shallow Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	
MW-17	11/01/2004	Shallow Gaspur	Primary	< 0.5	0.58	0.52	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.9	NA	NA	NA	
MW-17	08/01/2006	Shallow Gaspur	Primary	< 0.5	1.7	2.1	0.34 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.7 J	NA	NA	
MW-17	03/01/2008	Shallow Gaspur	Primary	< 0.5	< 0.5	0.79	< 0.5	< 0.5	< 0.5	0.41 J	0.39 J	< 0.5	< 0.5	< 0.5	< 1	NA	NA	NA
MW-17	05/12/2009	Shallow Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.2 J	< 0.5	< 0.5	< 0.5	< 0.5	1.5 J	NA	NA	NA
MW-17	06/14/2011	Shallow Gaspur	Primary	< 0.5	2.6	4.1	1.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 3.6	< 0.5	NA	NA
MW-17	12/06/2011	Shallow Gaspur	Primary	< 0.5	2.3	3.9	1.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	9.6 J	< 0.5	NA	NA
MW-17	06/07/2012	Shallow Gaspur	Primary	< 0.5	1.4	2.1	1.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	9.5	< 0.5	NA	NA
MW-17	12/12/2012	Shallow Gaspur	Primary	< 0.5	1.9	3.6	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	9.1	< 0.5	NA	NA
MW-17	12/12/2012	Shallow Gaspur	Duplicate	< 0.5	1.8	3	0.97	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	10	< 0.5	NA	NA
MW-17	06/18/2013	Shallow Gaspur	Primary	< 0.5	< 0.2	1.4	0.53	< 0.4	< 0.5	0.93	< 0.3	< 0.2	< 0.5	< 0.5	4.3	< 0.3	NA	NA
MW-17	12/12/2013	Shallow Gaspur	Primary	< 0.5	< 0.2	2.6	0.7	< 0.4	< 0.5	0.83	0.77	< 0.2	< 0.5	< 0.5	5	< 0.3	NA	NA
MW-17	06/11/2014	Shallow Gaspur	Primary	< 0.5	< 0.2	2.4 </td												

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-18	03/01/2003	Exposition	Primary	< 0.5	0.2 J	0.8 J	< 0.5	< 0.5	< 0.5	0.2 J	< 0.5	< 0.5	< 0.5	NA	NA
MW-18	01/01/2004	Exposition	Primary	< 0.5	0.24 J	0.72	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA
MW-18	08/01/2006	Exposition	Primary	< 0.5	0.57	0.96	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	NA
MW-18	03/01/2008	Exposition	Primary	< 0.5	0.33 J	0.67	< 0.5	< 0.5	< 0.5	< 0.5	0.33 J	< 0.5	< 0.5	< 2	NA
MW-18	05/12/2009	Exposition	Primary	< 0.5	1.1	1.6	0.39 J	< 0.5	< 0.5	0.6	0.48 J	< 0.5	< 0.5	< 2	NA
MW-18	06/14/2011	Exposition	Primary	< 0.5	< 0.5	0.83	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 3.6	< 0.5
MW-18	12/05/2011	Exposition	Primary	< 0.5	< 0.5	0.89	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.94	< 0.5
MW-18	12/11/2012	Exposition	Primary	< 0.5	< 0.5	0.99	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.94 J	< 0.5
MW-18	12/12/2013	Exposition	Primary	< 0.5	< 0.2	1.3	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-18	12/16/2014	Exposition	Primary	< 0.5	< 0.2	1.4	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-18	12/09/2015	Exposition	Primary	< 0.5	< 0.2	1.6	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-18	12/09/2015	Exposition	Duplicate	< 0.5	< 0.2	1.8	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-18	12/01/2016	Exposition	Primary	< 0.5	< 0.2	1.8	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-18	06/07/2017	Exposition	Primary	< 0.5	< 0.2	2.1	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	1.8 J	< 0.3
MW-19	12/01/2000	Shallow Gaspur	Primary	< 1	6700	45	18	9	1.2	31	12	1	< 1	NA	NA
MW-19	02/01/2001	Shallow Gaspur	Primary	< 1	5700	33	16	8	1	29	9.7	1	< 1	NA	NA
MW-19	05/01/2003	Shallow Gaspur	Primary	< 50 *	1000	< 50 *	< 50 *	< 50 *	< 50 *	< 50 *	39 J	< 50 *	< 50 *	NA	NA
MW-19	01/01/2004	Shallow Gaspur	Primary	< 0.5	450 D	11	2.8 J	1.5	0.19 J	3	34 D	< 0.5	< 0.5	NA	NA
MW-19	07/01/2004	Shallow Gaspur	Primary	< 0.5	99 D	4.5	1.6 J	0.65	0.25 J	0.77	33 D	< 0.5	< 0.5	17	NA
MW-19	08/01/2006	Shallow Gaspur	Primary	< 0.5	94 D	13	1.1	1.6	< 0.5	0.96	23	< 0.5	< 0.5	3.7	NA
MW-19	03/01/2008	Shallow Gaspur	Primary	< 0.5	42 D	15	0.73	1.6	0.31 J	0.56	14	< 0.5	< 0.5	3.3	NA
MW-19	05/19/2009	Shallow Gaspur	Primary	< 0.5	36 D	21 D	< 0.5 J	1.3 J	< 0.5	0.38 J	8.2	< 0.5	< 0.5	2.8	NA
MW-19	06/15/2011	Shallow Gaspur	Primary	< 0.5	11	29	< 0.5	0.89	< 0.5	< 0.5	5.5	< 0.5	< 0.5	4.2	< 0.5
MW-19	12/07/2011	Shallow Gaspur	Primary	< 0.5	6.2	26	< 0.5	1.8	< 0.5	< 0.5	7.1	< 0.5	< 0.5	2.9	< 0.5
MW-19	12/07/2011	Shallow Gaspur	Duplicate	< 0.5	7.1	23	< 0.5	1.5	< 0.5	< 0.5	7.4	< 0.5	< 0.5	2.9	< 0.5
MW-19	06/07/2012	Shallow Gaspur	Primary	< 0.5	4.5	15	< 0.5	< 0.5	< 0.5	< 0.5	6	< 0.5	< 0.5	3.4 J	< 0.5
MW-19	12/12/2012	Shallow Gaspur	Primary	< 0.5	6.5	38	< 0.5	3.4	0.87	< 0.5	2.6	< 0.5	< 0.5	4.5	< 0.5
MW-19	06/18/2013	Shallow Gaspur	Primary	< 0.5	8	11	1.2	0.73	8.5	0.55	20	< 0.2	< 0.5	7.3	< 0.3
MW-19	12/11/2013	Shallow Gaspur	Primary	< 0.5	4.7	4.3	2.4	0.43 J	7	0.7	41	< 0.2	< 0.5	5.1	< 0.3
MW-19	06/11/2014	Shallow Gaspur	Primary	< 0.5	9.8	13	3.8	1.1	4.3	1.2	74	0.45 J	< 0.5	4.2	< 0.3
MW-19	12/15/2014	Shallow Gaspur	Primary	< 0.5	7.3	7.9	3.3	0.98	2.5	1.1	34	< 0.2	< 0.5	3.3	< 0.3
MW-19	06/09/2015	Shallow Gaspur	Primary	< 0.5	9.5	19	3.3	2.3	2.7	1.3	28	< 0.2	< 0.5	3.2	< 0.3
MW-19	12/09/2015	Shallow Gaspur	Primary	< 0.5	9.8	19	3.9	1.7	3	1.4	26	< 0.2	< 0.5	3.4	< 0.3
MW-19	06/07/2016	Shallow Gaspur	Primary	< 0.5	8	6.5	7	0.68	3.2	1.5	19	< 0.2	< 0.5	5.5	< 0.3
MW-19	12/01/2016	Shallow Gaspur	Primary	< 0.5	7.1	15	5.6	1.9	1	1.1	12	< 0.2	< 0.5	4.8	< 0.3
MW-19	06/08/2017	Shallow Gaspur	Primary	< 0.5	1.5	7	1.6	0.56	7.1	0.91	8.3	< 0.2	< 0.5	9.8	< 0.3
MW-19	06/08/2017	Shallow Gaspur	Duplicate	< 0.5	2.2	6.1	2	0.63	4.9	0.87	6.8	< 0.2	< 0.5	12	< 0.3
MW-20	02/01/2003	Shallow Gaspur	Primary	5.6	300	110	7.6	5.4	< 5	32	6.4	NA	NA	NA	NA
MW-20	05/01/2003	Shallow Gaspur	Primary	< 13	520	140	< 13	< 13	< 13	41	< 13	< 13 *	< 13 *	NA	NA
MW-20	12/01/2003	Shallow Gaspur	Primary	5.2	570	150	16	7.8	3.6	44	7.6	1.1	4.2	NA	NA
MW-20	02/01/2004	Shallow Gaspur	Primary	<b											

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
 COOPER DRUM COMPANY SUPERFUND SITE
 SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-20	09/01/2005	Shallow Gaspur	Primary	2	160	60	6.3	2.6	1.1	24	6.8	0.3	2.6	140	NA
MW-20	09/01/2005	Shallow Gaspur	Primary	1.7	150	50	5.5	2.7	0.8	21	6.3	0.3	2.6	120	NA
MW-20	10/01/2005	Shallow Gaspur	Primary	2.4	220	71	6.5	3	1	34	6.5	0.4	3.6	120	NA
MW-20	11/01/2005	Shallow Gaspur	Primary	1.1	130	39	5.4	1.8	0.7	22	3.7	0.3	1.8	98	NA
MW-20	01/01/2006	Shallow Gaspur	Primary	2.8	240	64	10	4.2	1	34	6.7	0.5	3.5	110	NA
MW-20	03/01/2006	Shallow Gaspur	Primary	0.75	110 D	31 D	2	1	0.62	16	2.7	< 0.5	< 0.5	79	NA
MW-20	06/01/2006	Shallow Gaspur	Primary	1.8	340	77	15	6	3.1	34	6.3	0.6	3.6	160	NA
MW-20	08/01/2006	Shallow Gaspur	Primary	0.99	140 D	26	5	2	< 0.5	14	3.9	0.4 J	2	71	NA
MW-20	03/01/2008	Shallow Gaspur	Primary	2.4	200 D	120 D	9.1	4.6	2.7	42 D	5.8	0.57	2.8	66	NA
MW-20	05/12/2009	Shallow Gaspur	Primary	1.3 J	100 D	130 D	9.2	4.6	< 2.5	32	5.3	< 2.5	< 2.5	39	NA
MW-20	06/16/2011	Shallow Gaspur	Primary	< 2	81	230	12	6.7	19	43	5.9	< 2	3.5	240	< 2
MW-20	12/09/2011	Shallow Gaspur	Primary	< 1	72	200	9	5.8	9.9	33	6.3	< 1	2.9	140 J	1.6
MW-20	06/13/2012	Shallow Gaspur	Primary	< 2	56	250	13	7.3	15	34	6.4	< 2	< 2	190	< 2
MW-20	12/14/2012	Shallow Gaspur	Primary	< 0.5	24	92	6.6	5.1	27	15	3.1	0.51	< 0.5	170	0.68
MW-20	06/18/2013	Shallow Gaspur	Primary	< 0.5	12	140	9.1	6.9	23	20	4	0.41 J	1.1	60	< 0.3
MW-20	12/13/2013	Shallow Gaspur	Primary	< 1	32	130	8.2	5.4	36	17	2.8	< 0.4	< 1	100	< 0.6
MW-20	06/10/2014	Shallow Gaspur	Primary	< 0.5	6.8	110	4.6	4	28	11	1.6	0.31 J	< 0.5	91	< 0.3
MW-20	12/19/2014	Shallow Gaspur	Primary	< 0.5	29	56	3.2	2.4	18	6	0.66	< 0.2	< 0.5	69	< 0.3
MW-20	06/11/2015	Shallow Gaspur	Primary	< 0.5	21	110	6.5	5.1	28	13	2.7 J	0.35 J	0.83	140	< 0.3
MW-20	06/11/2015	Shallow Gaspur	Duplicate	< 0.5	19	100	6.5	5.2	28	12	2.3 J	0.29 J	0.72	150	< 0.3
MW-20	12/09/2015	Shallow Gaspur	Primary	< 0.5	50	280	15	8	11	36	4.9	0.68	2.2	220	1.1
MW-20	06/07/2016	Shallow Gaspur	Primary	0.82	250	170	26	9.4	5.2	49	7	1	< 0.5	240	2.1
MW-20	12/02/2016	Shallow Gaspur	Primary	0.64	190	340	24	13	6.6	73	7.8	0.96	< 0.5	280	2.8
MW-20	06/08/2017	Shallow Gaspur	Primary	< 0.5	47	160	4.6	5.6	1.5	29	3.1	0.44 J	2.4	240	3.1
MW-20B	07/01/2005	Intermediate Gaspur	Primary	< 0.5	0.3 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.5	NA
MW-20B	07/01/2005	Intermediate Gaspur	Primary	< 0.5	16	13	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA
MW-20B	08/01/2005	Intermediate Gaspur	Primary	< 0.5	19	17	0.2 J	1.4	< 0.5	0.3 J	< 0.5	< 0.5	< 0.5	0.6	NA
MW-20B	09/01/2005	Intermediate Gaspur	Primary	< 0.5	18	13	0.2 J	1	< 0.5	0.4 J	< 0.5	< 0.5	< 0.5	0.5	NA
MW-20B	09/01/2005	Intermediate Gaspur	Primary	< 0.5	6.2	8.4	< 0.5	0.6	< 0.5	0.2 J	< 0.5	< 0.5	< 0.5	< 1	NA
MW-20B	10/01/2005	Intermediate Gaspur	Primary	< 0.5	6	6.9	< 0.5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	NA
MW-20B	11/01/2005	Intermediate Gaspur	Primary	< 0.5	6.1	14	0.2 J	1	0.2 J	0.4 J	< 0.5	< 0.5	< 0.5	0.8 J	NA
MW-20B	01/01/2006	Intermediate Gaspur	Primary	< 0.5	10	17	0.4	1.2	0.3	0.7	0.2	< 0.5	< 0.5	1.8	NA
MW-20B	03/01/2006	Intermediate Gaspur	Primary	< 0.5	6.3	16	< 0.5	0.87	< 0.5	0.8	< 0.5	< 0.5	< 0.5	2.2	NA
MW-20B	05/01/2006	Intermediate Gaspur	Primary	NA	11	19	0.4 J	1.4	0.4 J	0.6	NA	NA	NA	1.9	NA
MW-20B	08/01/2006	Intermediate Gaspur	Primary	< 0.5	17	27 D	0.68	2	< 0.5	1.7	< 0.5	< 0.5	< 0.5	3.7	NA
MW-20B	03/01/2008	Intermediate Gaspur	Primary	< 0.5	19	27 D	0.62	2.2	0.71	1.9	< 0.5	< 0.5	< 0.5	3	NA
MW-20B	05/12/2009	Intermediate Gaspur	Primary	< 0.5	7.7	17 D	0.84	1.6	< 0.5	2.2	< 0.5	< 0.5	< 0.5	80 D	NA
MW-20B	07/14/2010	Intermediate Gaspur	Primary	< 0.5	15	120	4.4	6	13	18	2.4	< 0.5	0.82	61 J	< 0.5
MW-20B	06/16/2011	Intermediate Gaspur	Primary	< 0.5	2.9	160	4.7	8.7	28	26	5	0.71	1.3	140	< 0.5
MW-20B	12/09/2011	Intermediate Gaspur	Primary	< 1	< 1	140	3.1	8.7	34	27	7.1</b				

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-20B	12/19/2014	Intermediate Gaspur	Duplicate	< 0.5	0.84	10	0.77	1.8	7.3	2	0.31 J	< 0.2	< 0.5	9.2	< 0.3
MW-20B	06/11/2015	Intermediate Gaspur	Primary	< 0.5	2.1	13	1.2	1.3	5.4	2.1	0.66 J	< 0.2	< 0.5	7.2	< 0.3
MW-20B	12/09/2015	Intermediate Gaspur	Primary	< 0.5	2	19	1.3	1.1	2.7	2	0.61	< 0.2	< 0.5	3.8	< 0.3
MW-20B	06/07/2016	Intermediate Gaspur	Primary	< 0.5	1.3	9.6	1.5	0.83	1.9	1.7	0.5	< 0.2	< 0.5	6.5	< 0.3
MW-20B	12/01/2016	Intermediate Gaspur	Primary	< 0.5	1.7	20	1.4	1.2	3.7	3	0.79	< 0.2	< 0.5	9.3	< 0.3
MW-20B	06/06/2017	Intermediate Gaspur	Primary	< 0.5	2	22	2	1.3	9.8	3.5	0.58	< 0.2	< 0.5	14	< 0.3
MW-21	12/01/2003	Shallow Gaspur	Primary	2.3	870	370	25	14	5.2	61	17	2.7	9.7	NA	NA
MW-21	02/01/2004	Shallow Gaspur	Primary	2.2	680	330	27	16 J	4.9	51	17	2.6	9.3	NA	NA
MW-21	03/01/2004	Shallow Gaspur	Primary	3	980	490	50 J	20	5	80	20	< 0.5	11	280	NA
MW-21	07/01/2004	Shallow Gaspur	Primary	2.8	640 D	340 D	29	15	5.8	69	17	2.6	8.3	NA	NA
MW-21	11/01/2004	Shallow Gaspur	Primary	2.1	720 D	430 D	24	11	64 D	59 D	21	3	8.2 J	NA	NA
MW-21	03/01/2005	Shallow Gaspur	Primary	0.43 J	180 D	120 D	13 J	11	20	18 D	5.8 D	1.5	3.3	170	NA
MW-21	11/01/2005	Shallow Gaspur	Primary	< 0.5	220	120	28	12	18	35	6	1.6	2.6	240	NA
MW-21	03/01/2006	Shallow Gaspur	Primary	< 0.5	390 D	280 D	19	17	23	50	12	2.7	< 0.5	360	NA
MW-21	08/01/2006	Shallow Gaspur	Primary	< 0.5	260 D	260 D	20	19	30 D	55 D	16	3.5	5.5	280	NA
MW-21	03/01/2008	Shallow Gaspur	Primary	< 0.5	320 D	340 D	19	23 D	41 D	66 D	16	3.4	6.4	330 D	NA
MW-21	05/13/2009	Shallow Gaspur	Primary	< 5	340 D	500 D	15	16	14	53	14	3.2 J	6.3	< 2	NA
MW-21	07/15/2010	Shallow Gaspur	Primary	< 1.2	270	400	19	21	18 J	76 J	18	3.6	8.7	220 J	6
MW-21	06/16/2011	Shallow Gaspur	Primary	< 5	310	580	20	28	20	89	23	< 5	< 5	190 J	7.2
MW-21	12/09/2011	Shallow Gaspur	Primary	< 5	210	420	11	17	14	66	22	< 5	6.5	200 J	< 5
MW-21	06/12/2012	Shallow Gaspur	Primary	< 5	150	480	12	21	24	64	21	< 5	< 5	320	< 5
MW-21	06/12/2012	Shallow Gaspur	Split	< 2	120 D	340 D	11	19	26	54	18	2.8	6.8	120	NA
MW-21	12/12/2012	Shallow Gaspur	Primary	< 2.5	290	630	26	30	26	100	29	3.3	< 2.5	390	26
MW-21	12/12/2012	Shallow Gaspur	Primary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	600 J	NA
MW-21	06/18/2013	Shallow Gaspur	Primary	< 0.5	210	490	25	24	18	100	18	1.5	6.9	140	1.8
MW-21	06/18/2013	Shallow Gaspur	Duplicate	< 0.5	200	460	23	22	17	93	17	1.4	6.3	140	1.8
MW-21	12/13/2013	Shallow Gaspur	Primary	< 5	170	510	26	25	19	91	19	< 2	< 5	180	< 3
MW-21	12/13/2013	Shallow Gaspur	Duplicate	< 5	170	570	26	26	15	81	15	< 2	< 5	180	< 3
MW-21	06/10/2014	Shallow Gaspur	Primary	< 2.5	160	530	22	23	9	83	16	1.6 J	< 2.5	200	< 1.5
MW-21	06/10/2014	Shallow Gaspur	Duplicate	< 2.5	160	540	23	23	9	85	16	1.8 J	< 2.5	200	< 1.5
MW-21	12/18/2014	Shallow Gaspur	Primary	< 2.5	86	600	24	27	11	98	15	2 J	< 2.5	230	< 1.5
MW-21	06/09/2015	Shallow Gaspur	Primary	< 2.5	59	690	32	39	30	140	35	2.4 J	8.6	300	19
MW-21	12/10/2015	Shallow Gaspur	Primary	< 2.5	20	700	24	35	22	110	22	2.6	10	450	< 1.5
MW-21	06/08/2016	Shallow Gaspur	Primary	< 2.5	7.7	670	27	31	30	110	26	3.7	< 2.5	330	< 1.5
MW-21	12/02/2016	Shallow Gaspur	Primary	< 2.5	16	660	15	26	36	76	18	3.4	8.6	250	< 1.5
MW-21	06/08/2017	Shallow Gaspur	Primary	< 2.5	5	430	7.6	18	8.8	33	10	2.7	7.4	160	< 1.5
MW-22	01/01/2004	Shallow Gaspur	Primary	< 0.5	7.2	2.9	< 0.5	0.21 J	< 0.5	< 0.5	< 0.5	1.8	< 0.5	NA	NA
MW-22	11/01/2004	Shallow Gaspur	Primary	< 0.5	9.6	9.7	< 0.5	0.53	0.56	0.38 J	< 0.5	3.7	< 0.5	1.1	NA
MW-22	08/01/2006	Shallow Gaspur	Primary	< 0.5	3.2	6.3	< 0.5	< 0.24 J	< 0.5	1.2	< 0.5	4.1	< 0.5	0.9	NA
MW-22	03/01/2008	Shallow Gaspur	Primary	< 0.5	3.6	4.9	< 0.5	0.28 L	0.28 J	0.91					

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-22	12/15/2014	Shallow Gaspur	Duplicate	< 0.5	2.6	13	< 0.3	2	< 0.5	8.7	0.78	0.81	< 0.5	10	< 0.3
MW-22	06/11/2015	Shallow Gaspur	Primary	< 0.5	2	13	< 0.3	0.77	< 0.5	13	0.93 J	< 0.2	< 0.5	14	< 0.3
MW-22	12/09/2015	Shallow Gaspur	Primary	< 0.5	3.4	20	0.42 J	< 0.4	< 0.5	17	0.65	< 0.2	< 0.5	19	< 0.3
MW-22	06/08/2016	Shallow Gaspur	Primary	< 0.5	2.8	14	0.61	0.54	< 0.5	9.2	0.63	< 0.2	< 0.5	12	< 0.3
MW-22	12/01/2016	Shallow Gaspur	Primary	< 0.5	2.2	13	0.53	0.7	< 0.5	5	0.58	1.1	< 0.5	11	< 0.3
MW-22	06/07/2017	Shallow Gaspur	Primary	< 0.5	1.8	9.7	< 0.3	0.77	< 0.5	2.7	0.39 J	0.73	< 0.5	13	< 0.3
MW-23	01/01/2004	Shallow Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA
MW-23	11/01/2004	Shallow Gaspur	Primary	< 0.5	< 0.5	0.69	< 0.5	< 0.5	< 0.5	0.21 J	< 0.5	< 0.5	< 0.5	2.7	NA
MW-23	08/01/2006	Shallow Gaspur	Primary	< 0.5	< 0.5	0.95	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5	< 0.9	NA
MW-23	03/01/2008	Shallow Gaspur	Primary	< 0.5	< 0.5	0.76	< 0.5	< 0.5	< 0.5	0.54	0.43 J	< 0.5 J	< 0.5	0.64 J	NA
MW-23	05/19/2009	Shallow Gaspur	Primary	< 0.5	< 0.5	1	< 0.5	< 0.5	< 0.5	0.93 J	0.6 J	< 0.5	< 0.5	< 2	NA
MW-23	07/14/2010	Shallow Gaspur	Primary	< 0.5	< 0.5	1	< 0.5	< 0.5	< 0.5	0.99	< 0.5	< 0.5	< 0.5	< 0.8	< 0.5
MW-23	06/14/2011	Shallow Gaspur	Primary	< 0.5	< 0.5	1.2	< 0.5	< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5	12	< 0.5
MW-23	12/06/2011	Shallow Gaspur	Primary	< 0.5	0.52	1.3	0.76	< 0.5	< 0.5	1.3	0.58	< 0.5	< 0.5	3.6 J	< 0.5
MW-23	06/08/2012	Shallow Gaspur	Primary	< 0.5	0.64	1.6	0.9	< 0.5	< 0.5	1.4	0.68	< 0.5	< 0.5	3.7 J	< 0.5
MW-23	12/11/2012	Shallow Gaspur	Primary	< 0.5	0.53	0.98	0.63	< 0.5	< 0.5	0.94	0.56	< 0.5	< 0.5	4.5	< 0.5
MW-23	06/18/2013	Shallow Gaspur	Primary	< 0.5	0.65	1.2	1.1	< 0.4	< 0.5	1.2	< 0.3	< 0.2	< 0.5	4.8	< 0.3
MW-23	12/12/2013	Shallow Gaspur	Primary	< 0.5	2.3	2.3	1.3	< 0.4	< 0.5	1.3	< 0.3	< 0.2	< 0.5	5	< 0.3
MW-23	12/18/2014	Shallow Gaspur	Primary	< 0.5	1.4	1.9	0.56	< 0.4	< 0.5	0.3 J	0.42 J	< 0.2	< 0.5	1.3 J	< 0.3
MW-23	12/08/2015	Shallow Gaspur	Primary	< 0.5	4.8	5.2	1.8	< 0.4	< 0.5	1.6	0.74	< 0.2	< 0.5	4.1	< 0.3
MW-23	06/09/2016	Shallow Gaspur	Primary	< 0.5	9.3	5.1	2.9	< 0.4	< 0.5	1.6	0.8	< 0.2	< 0.5	5	< 0.3
MW-23	12/01/2016	Shallow Gaspur	Primary	< 0.5	16	5.8	3.4	0.41 J	< 0.5	1.8	0.71	< 0.2	< 0.5	8.4	< 0.3
MW-23	06/06/2017	Shallow Gaspur	Primary	< 0.5	18	4.7	2.8	< 0.4	0.58	1.3	< 0.3	< 0.2	< 0.5	11	< 0.3
MW-23A	07/27/2011	Shallow Gaspur	Primary	< 0.5	35	5.9	1.3	< 0.5	< 0.5	0.57	10	< 0.5	< 0.5	2.9	< 0.5
MW-23A	09/27/2011	Shallow Gaspur	Primary	< 0.5	19	4.7	0.93	< 0.5	< 0.5	< 0.5	4.6	< 0.5	< 0.5	< 3.4	< 0.5
MW-23A	12/06/2011	Shallow Gaspur	Primary	< 0.5	17	4.1	1.1	< 0.5	< 0.5	< 0.5	3.6	< 0.5	< 0.5	3 J	< 0.5
MW-23A	03/26/2012	Shallow Gaspur	Primary	< 0.5	14	4.7	0.92	< 0.5	< 0.5	< 0.5	3.2	< 0.5	< 0.5	3 J	< 0.5
MW-23A	06/08/2012	Shallow Gaspur	Primary	< 0.5	6.4	8.3	1	< 0.5	< 0.5	0.53	2.8	< 0.5	< 0.5	2.9 J	< 0.5
MW-23A	12/12/2012	Shallow Gaspur	Primary	< 0.5	1.8	4.3	0.53	< 0.5	< 0.5	< 0.5	0.76	< 0.5	< 0.5	3.5	< 0.5
MW-23A	06/18/2013	Shallow Gaspur	Primary	< 0.5	5.6	6.7	0.89	< 0.4	< 0.5	1.1	1.8	< 0.2	< 0.5	2.7	< 0.3
MW-23A	12/11/2013	Shallow Gaspur	Primary	< 0.5	8.5	12	1.2	< 0.4	< 0.5	0.86	2.4	< 0.2	< 0.5	3	< 0.3
MW-23A	06/10/2014	Shallow Gaspur	Primary	< 0.5	7.8	7.5	< 0.3	< 0.4	< 0.5	< 0.2	1.9	< 0.2	< 0.5	3.2	< 0.3
MW-23A	12/16/2014	Shallow Gaspur	Primary	< 0.5	4.9	10	< 0.3	< 0.4	< 0.5	< 0.2	1.4	< 0.2	< 0.5	2.4	< 0.3
MW-23A	06/11/2015	Shallow Gaspur	Primary	< 0.5	4.3	6.1	0.48 J	< 0.4	< 0.5	< 0.2	1.2 J	< 0.2	< 0.5	4.5	< 0.3
MW-23A	12/08/2015	Shallow Gaspur	Primary	< 0.5	7.8	4.3	0.42 J	< 0.4	< 0.5	< 0.2	1.3	< 0.2	< 0.5	3.2	< 0.3
MW-23A	06/09/2016	Shallow Gaspur	Primary	< 0.5	3.6	2.6	0.56	< 0.4	< 0.5	< 0.2	1	< 0.2	< 0.5	1.8 J	< 0.3
MW-23A	12/01/2016	Shallow Gaspur	Primary	< 0.5	2.8	2.6	0.35 J	< 0.4	< 0.5	< 0.2	1.2	< 0.2	< 0.5	2.9	< 0.3
MW-23A	06/06/2017	Shallow Gaspur	Primary	< 0.5	2.4	1.9	0.57	< 0.4	< 0.5	< 0.2	0.74	< 0.2	< 0.5	3.2	< 0.3
MW-23A	06/06/2017	Shallow Gaspur	Duplicate	< 0.5	1.9	1.8	0.6	< 0.4	< 0.5	< 0.2	0.68	< 0.2	< 0.5	3.4	< 0.3

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
 COOPER DRUM COMPANY SUPERFUND SITE
 SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-23B	12/08/2015	Lower Gaspur	Primary	< 0.5	0.4 J	0.57	< 0.3	< 0.4	< 0.5	< 0.2	0.38 J	< 0.2	< 0.5	< 1	< 0.3
MW-23B	12/01/2016	Lower Gaspur	Primary	< 0.5	0.34 J	0.5	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-24	01/01/2004	Shallow Gaspur	Primary	< 0.5	3.1	1.6	< 0.5	< 0.5	< 0.5	< 0.5	1.6	< 0.5	< 0.5	NA	NA
MW-24	11/01/2004	Shallow Gaspur	Primary	< 0.5	3.1	2.3	< 0.5	< 0.5	< 0.5	< 0.5	2.3	< 0.5	< 0.5	< 1	NA
MW-24	08/01/2006	Shallow Gaspur	Primary	< 0.5	2.1	1.3	< 0.5	< 0.5	< 0.5	< 0.5	2.8	< 0.5	< 0.5	< 1	NA
MW-24	03/01/2008	Shallow Gaspur	Primary	< 0.5	11	6.5	0.21 J	1.6	0.26 J	< 0.5	2.7	< 0.5	< 0.5	< 2	NA
MW-24	05/17/2009	Shallow Gaspur	Primary	< 0.5	19	12	< 0.5	3.3	< 0.5	< 0.5 J	2.8 J	1.2	< 0.5	< 2	NA
MW-24	06/15/2011	Shallow Gaspur	Primary	< 0.5	8.3	7.8	< 0.5	2.5	< 0.5	< 0.5	1.4	< 0.5	< 0.5	< 4.2	< 0.5
MW-24	12/06/2011	Shallow Gaspur	Primary	< 0.5	3.5	2.4	< 0.5	< 0.5	< 0.5	< 0.5	0.57	< 0.5	< 0.5	< 0.94	< 0.5
MW-24	06/08/2012	Shallow Gaspur	Primary	< 0.5	3.9	2.9	< 0.5	0.92	< 0.5	< 0.5	0.56	< 0.5	< 0.5	< 0.94	< 0.5
MW-24	12/11/2012	Shallow Gaspur	Primary	< 0.5	3.9	2.6	< 0.5	0.7	< 0.5	< 0.5	0.71	< 0.5	< 0.5	< 0.95	< 0.5
MW-24	06/18/2013	Shallow Gaspur	Primary	< 0.5	1.5	1	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	0.35 J	< 0.5	< 1	< 0.3
MW-24	12/12/2013	Shallow Gaspur	Primary	< 0.5	0.89	0.61	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	0.22 J	< 0.5	< 1	< 0.3
MW-24	12/12/2013	Shallow Gaspur	Duplicate	< 0.5	1.1	0.73	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	0.25 J	< 0.5	< 1	< 0.3
MW-24	12/18/2014	Shallow Gaspur	Primary	< 0.5	1.7	2.6	< 0.3	0.54	< 0.5	< 0.2	0.33 J	0.29 J	< 0.5	< 1	< 0.3
MW-24	12/08/2015	Shallow Gaspur	Primary	< 0.5	2.6	5.5	< 0.3	0.72	< 0.5	< 0.2	0.84	0.58	< 0.5	< 1	< 0.3
MW-24	06/07/2016	Shallow Gaspur	Primary	< 0.5	1.7	3.6	< 0.3	0.66	< 0.5	< 0.2	0.66	0.43 J	< 0.5	< 1	< 0.3
MW-24	11/28/2016	Shallow Gaspur	Primary	< 0.5	1.6	4.1	< 0.3	0.59	< 0.5	< 0.2	0.6	0.29 J	< 0.5	< 1	< 0.3
MW-24	11/28/2016	Shallow Gaspur	Duplicate	< 0.5	1.7	4.2	< 0.3	0.56	< 0.5	< 0.2	0.58	0.32 J	< 0.5	< 1	< 0.3
MW-24	06/06/2017	Shallow Gaspur	Primary	< 0.5	0.6	0.48 J	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-25	01/01/2004	Intermediate Gaspur	Primary	0.33 J	50 D	40 D	1.7	2.9	0.75	4.7 J	3.3	0.35 J	< 0.5	NA	NA
MW-25	07/01/2004	Intermediate Gaspur	Primary	< 0.5	62 D	64 D	1.2	3.3	0.7	2.2	3	0.36 J	0.83	9.6	NA
MW-25	08/01/2006	Intermediate Gaspur	Primary	< 0.5	20	44 D	0.79	2.3	< 0.5	1.1	2.5	0.32 J	< 0.5	4.3	NA
MW-25	03/01/2008	Intermediate Gaspur	Primary	< 0.5	12	22 D	0.27 J	1.7	0.32 J	0.4 J	1.7	0.47 J	< 0.5	1.7 J	NA
MW-25	05/17/2009	Intermediate Gaspur	Primary	< 0.5	9.2	22 D	< 0.5	2	< 0.5	0.37 J	< 0.5	0.83	< 0.5	< 2	NA
MW-25	06/15/2011	Intermediate Gaspur	Primary	< 0.5	3.8	21	< 0.5	3.1	< 0.5	< 0.5	1.7	1.1	< 0.5	2.2 J	< 0.5
MW-25	12/06/2011	Intermediate Gaspur	Primary	< 0.5	3.6	21	< 0.5	4	< 0.5	< 0.5	2	1.1	< 0.5	1.4	< 0.5
MW-25	06/12/2012	Intermediate Gaspur	Primary	< 0.5	3.4	21	< 0.5	3.9	< 0.5	< 0.5	2.1	1.4	< 0.5	1.4	< 0.5
MW-25	12/10/2012	Intermediate Gaspur	Primary	< 0.5	2.8	27	< 0.5	4.8	< 0.5	< 0.5	1.9	1.6	< 0.5	1.8	< 0.5
MW-25	12/10/2012	Intermediate Gaspur	Duplicate	< 0.5	2.8	26	< 0.5	4.8	< 0.5	< 0.5	1.8	1.5	< 0.5	2.5	< 0.5
MW-25	06/19/2013	Intermediate Gaspur	Primary	< 0.5	2	19	< 0.3	4.2	< 0.5	< 0.2	1.4	0.96	< 0.5	1.7 J	< 0.3
MW-25	12/09/2013	Intermediate Gaspur	Primary	< 0.5	1.9	25	< 0.3	5.9	< 0.5	0.38 J	1.4	1.3	< 0.5	1.5 J	< 0.3
MW-25	06/10/2014	Intermediate Gaspur	Primary	< 0.5	1.8	21	< 0.3	4.7	< 0.5	< 0.2	1.2	0.94	< 0.5	2	< 0.3
MW-25	12/19/2014	Intermediate Gaspur	Primary	< 0.5	1.2	21	< 0.3	4.2	< 0.5	< 0.2	1.1	0.76	< 0.5	1.1 J	< 0.3
MW-25	06/08/2015	Intermediate Gaspur	Primary	< 0.5	1.8	24	< 0.3	7.2	< 0.5	0.38 J	2.1	1.5	< 0.5	1.4 J	< 0.3
MW-25	12/10/2015	Intermediate Gaspur	Primary	< 0.5	3	23	< 0.3	7.7	< 0.5	< 0.2	1.7	0.4 J	< 0.5	< 1	< 0.3
MW-25	06/08/2016	Intermediate Gaspur	Primary	< 0.5	3.4	27	0.39 J	7.8	< 0.5	< 0.2	2.2	1.6	< 0.5	< 1	< 0.3
MW-25	11/28/2016	Intermediate Gaspur	Primary	< 0.5	2.2	26	< 0.3	8.1	< 0.5	< 0.2	1.8	0.48 J	< 0.5	< 1	< 0.3
MW-25	06/07/2017	Intermediate Gaspur	Primary	< 0.5	1.4	21	< 0.3	7.8	< 0.5	0.61	1.5	< 0.2	< 0.5	2.1	< 0.3
MW-25B	03/01/2008	Lower Gaspur	Primary	< 0.5	36 D	72 D</b									

TABLE V

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 COOPER DRUM COMPANY SUPERFUND SITE
 SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-25B	06/10/2014	Lower Gaspur	Primary	< 0.5	0.6	38	< 0.3	5	< 0.5	< 0.2	1.8	2.9	< 0.5	2.6	< 0.3
MW-25B	12/19/2014	Lower Gaspur	Primary	< 0.5	0.49 J	30	< 0.3	4.4	0.77	< 0.2	1.1	2.5	< 0.5	1.6 J	< 0.3
MW-25B	06/08/2015	Lower Gaspur	Primary	< 0.5	0.65	29	< 0.3	5.6	1.1	0.39 J	2.2	2.4	< 0.5	2.2	< 0.3
MW-25B	12/11/2015	Lower Gaspur	Primary	< 0.5	0.84	37	< 0.3	9.3	0.77	0.32 J	2	3.4	< 0.5	< 1	< 0.3
MW-25B	12/11/2015	Lower Gaspur	Duplicate	< 0.5	0.83	37	< 0.3	9.4	0.75	0.29 J	1.9	3.4	< 0.5	< 1	< 0.3
MW-25B	06/08/2016	Lower Gaspur	Primary	< 0.5	1.2	40	0.46 J	7.9	1.1	0.4 J	2.8	3.8	< 0.5	< 1	< 0.3
MW-25B	11/28/2016	Lower Gaspur	Primary	< 0.5	0.91	24	< 0.3	5.2	2.4	< 0.2	1.5	2.4	< 0.5	2 J	< 0.3
MW-25B	06/07/2017	Lower Gaspur	Primary	< 0.5	0.79	16	< 0.3	3.4	1.1	< 0.2	1	0.86	< 0.5	< 1 J	< 0.3
MW-26	01/01/2004	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA
MW-26	11/01/2004	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	NA
MW-26	08/01/2006	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	NA
MW-26	03/01/2008	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
MW-26	05/17/2009	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
MW-26	03/28/2012	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.2 J	< 0.5
MW-26	06/19/2013	Exposition	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1 J	< 0.3
MW-26	06/19/2013	Exposition	Duplicate	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1 J	< 0.3
MW-26	06/10/2014	Exposition	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-26	08/08/2016	Exposition	Primary	< 0.5	< 0.2	0.4 J	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-26	11/28/2016	Exposition	Primary	< 0.5	< 0.2	0.52	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-26	06/09/2017	Exposition	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-27	01/01/2004	Intermediate Gaspur	Primary	< 0.5	4.9	2.4	< 0.5	0.17 J	< 0.5	< 0.5	1.8	< 0.5	< 0.5	NA	NA
MW-27	07/01/2004	Intermediate Gaspur	Primary	< 0.5	3.4	2.3	< 0.5	0.2 J	< 0.5	< 0.5	1.7	< 0.5	< 0.5	0.5 J	NA
MW-27	08/01/2006	Intermediate Gaspur	Primary	< 0.5	1.4	0.87	< 0.5	< 0.5	< 0.5	< 0.5	0.72	< 0.5	< 0.5	< 1	NA
MW-27	03/01/2008	Intermediate Gaspur	Primary	< 0.5	1.6	1.1	< 0.5	< 0.5	< 0.5	< 0.5	1.2	< 0.5	< 0.5	< 2	NA
MW-27	05/19/2009	Intermediate Gaspur	Primary	< 0.5	12	8.6	< 0.5	1.9	< 0.5	< 0.5	3	< 0.5	< 0.5	< 2	NA
MW-27	06/15/2011	Intermediate Gaspur	Primary	< 0.5	1.6	4.9	< 0.5	0.58	< 0.5	< 0.5	0.87	0.87	< 0.5	< 3.7	< 0.5
MW-27	06/15/2011	Intermediate Gaspur	Duplicate	< 0.5	1.6	5.5	< 0.5	0.56	< 0.5	< 0.5	0.96	0.91	< 0.5	< 3.7	< 0.5
MW-27	12/06/2011	Intermediate Gaspur	Primary	< 0.5	2.9	18	< 0.5	2	< 0.5	< 0.5	1.6	3.2	< 0.5	< 0.94	< 0.5
MW-27	06/08/2012	Intermediate Gaspur	Primary	< 0.5	1.9	11	< 0.5	1.1	< 0.5	< 0.5	1.1	1.8	< 0.5	< 0.94	< 0.5
MW-27	12/11/2012	Intermediate Gaspur	Primary	< 0.5	1.4	6.5	< 0.5	0.55	< 0.5	< 0.5	1.1	0.97	< 0.5	< 0.95	< 0.5
MW-27	06/18/2013	Intermediate Gaspur	Primary	< 0.5	1.3	10	< 0.3	1.1	< 0.5	< 0.2	0.84	1.2	< 0.5	< 1	< 0.3
MW-27	12/10/2013	Intermediate Gaspur	Primary	< 0.5	1	6.1	< 0.3	0.82	< 0.5	< 0.2	< 0.3	0.52	< 0.5	< 1	< 0.3
MW-27	06/10/2014	Intermediate Gaspur	Primary	< 0.5	1	5.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-27	12/17/2014	Intermediate Gaspur	Primary	< 0.5	0.7	2.2	< 0.3	< 0.4	< 0.5	< 0.2	0.3 J	< 0.2	< 0.5	< 1	< 0.3
MW-27	06/08/2015	Intermediate Gaspur	Primary	< 0.5	0.95	1.6	< 0.3	< 0.4	< 0.5	< 0.2	0.44 J	< 0.2	< 0.5	< 1	< 0.3
MW-27	12/10/2015	Intermediate Gaspur	Primary	< 0.5	1.5	2.4	< 0.3	< 0.4	< 0.5	< 0.2	0.65	< 0.2	< 0.5	< 1	< 0.3
MW-27	06/09/2016	Intermediate Gaspur	Primary	< 0.5	1.4	2.1	< 0.3	0.53	< 0.5	< 0.2	0.77	< 0.2	< 0.5	< 1	< 0.3
MW-27	06/09/2016	Intermediate Gaspur	Duplicate	< 0.5	1.3	1.9	< 0.3	< 0.4	< 0.5	< 0.2	0.52	< 0.2	< 0.5	< 1	< 0.3
MW-27	11/29/2016	Intermediate Gaspur	Primary	< 0.5	1.3	2.1	< 0.3	0.53	< 0.5	< 0.2	0.66	< 0.2	< 0.5	< 1	< 0.3
MW-27	06/09/2017	Intermediate Gaspur	Primary	< 0.5	< 0.2	0.53	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-28	01/01/20														

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-28	06/12/2012	Lower Gaspur	Duplicate	< 0.5	4.1 J	12 J	< 0.5	0.6 J	< 0.5	1.1 J	< 0.5	< 0.5	11 J	< 0.5	
MW-28	12/12/2012	Lower Gaspur	Primary	< 0.5	12	39	0.69	2.3	0.76	1.8	2.6	0.54	< 0.5	8.2	0.51
MW-28	06/18/2013	Lower Gaspur	Primary	< 0.5	0.96	59	1.1	3.8	0.81	2.4	2.6	0.27 J	< 0.5	13	< 0.3
MW-28	12/10/2013	Lower Gaspur	Primary	< 0.5	2.1	73	1.2	3.7	0.99	2.6	2.2	0.22 J	< 0.5	13	< 0.3
MW-28	06/10/2014	Lower Gaspur	Primary	< 0.5	1.9	63	0.98	3.2	0.75	1.7	1.9	< 0.2	< 0.5	14	< 0.3
MW-28	12/19/2014	Lower Gaspur	Primary	< 0.5	0.82	19	< 0.3	1	< 0.5	0.61	0.55	< 0.2	< 0.5	5	< 0.3
MW-28	06/08/2015	Lower Gaspur	Primary	< 0.5	3.7	50	0.67	3.1	1.6	1.8	2.7	< 0.2	< 0.5	10	0.56
MW-28	06/08/2015	Lower Gaspur	Duplicate	< 0.5	4	51	0.73	4	1.8	1.9	2.9	< 0.2	< 0.5	11	0.54
MW-28	12/10/2015	Lower Gaspur	Primary	< 0.5	3.5	50	0.72	3.4	2.4	1.6	2.2	0.41 J	< 0.5	9	< 0.3
MW-28	06/08/2016	Lower Gaspur	Primary	< 0.5	3.1	31	0.52	3.6	3.3	0.96	3.1	1.8	< 0.5	6.2	< 0.3
MW-28	11/30/2016	Lower Gaspur	Primary	< 0.5	2.2	20	0.4 J	1.8	1.9	0.51	1.5	0.82	< 0.5	5	< 0.3
MW-28	06/08/2017	Lower Gaspur	Primary	< 0.5	2.4	18	< 0.3	2.4	5.2	0.39 J	2.4	0.8	< 0.5	3.7	< 0.3
MW-29	01/01/2004	Intermediate Gaspur	Primary	< 0.5	16	4.7	< 0.5	0.63	< 0.5	< 0.5	1.5	< 0.5	< 0.5	NA	NA
MW-29	11/01/2004	Intermediate Gaspur	Primary	< 0.5	21	5.7	0.38 J	0.96	0.38 J	< 0.5	< 0.5	< 0.5	< 0.5	2.2	NA
MW-29	08/01/2006	Intermediate Gaspur	Primary	0.21 J	59 D	45 D	2.3	2.4	0.84	7.9	3.9	0.33 J	< 0.5	NA	NA
MW-29	03/01/2008	Intermediate Gaspur	Primary	0.25 J	74 D	61 D	2.1	4.2	1	5	2.8	0.34 J	< 0.5	14	NA
MW-29	05/18/2009	Intermediate Gaspur	Primary	< 0.5	40 D	82 D	2.1	3.3	0.72	5.9 J	3.1 J	0.42 J	0.8	11	NA
MW-29	06/16/2011	Intermediate Gaspur	Primary	< 0.5	5.8	73	0.89	6.3	0.52	2	2.3	0.77	< 0.5	11	< 0.5
MW-29	06/16/2011	Intermediate Gaspur	Duplicate	< 0.5	6.1	72	0.89	6.4	< 0.5	2	2.3	0.79	< 0.5	11	< 0.5
MW-29	12/08/2011	Intermediate Gaspur	Primary	< 0.5	4.7	51	0.51	4.2	< 0.5	1.1	2.4	1.6	< 0.5	9.2 J	< 0.5
MW-29	06/08/2012	Intermediate Gaspur	Primary	< 0.5	3.6	49	< 0.5	4.1	< 0.5	1.1	2.3	2.1	< 0.5	6.5	< 0.5
MW-29	12/13/2012	Intermediate Gaspur	Primary	< 0.5	2.5	49	< 0.5	4	< 0.5	0.96	2.9	2.2	< 0.5	< 6.5	< 0.5
MW-29	06/18/2013	Intermediate Gaspur	Primary	< 0.5	1.4	40	0.59	3.4	0.76	1	2	1.9	< 0.5	5.7	< 0.3
MW-29	12/10/2013	Intermediate Gaspur	Primary	< 0.5	1	50	0.74	5.6	< 0.5	0.81	2.2	3.5	< 0.5	6.1	< 0.3
MW-29	06/10/2014	Intermediate Gaspur	Primary	< 0.5	1	49	0.72	4.1	0.69	1.1	2.1	2.6	< 0.5	7.5	< 0.3
MW-29	12/16/2014	Intermediate Gaspur	Primary	< 0.5	0.8	41	0.64	3.8	0.72	0.87	1.4	3.3	< 0.5	6.5	< 0.3
MW-29	06/08/2015	Intermediate Gaspur	Primary	< 0.5	2.1	38	0.53	4.4	0.75	0.83	2	3.3	< 0.5	4.2	< 0.3
MW-29	12/08/2015	Intermediate Gaspur	Primary	< 0.5	0.81	62	1	5.8	1.8	1.5	2.6	1.9	< 0.5	5.2	< 0.3
MW-29	06/08/2016	Intermediate Gaspur	Primary	< 0.5	0.74	43	0.78	5.8	0.82	0.76	2.3	1.9	< 0.5	2.1	< 0.3
MW-29	11/30/2016	Intermediate Gaspur	Primary	< 0.5	0.53	41	0.45 J	6.6	< 0.5	0.5	2	2.5	< 0.5	2.6	< 0.3
MW-29	06/08/2017	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-29A	03/01/2008	Shallow Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.28 J	NA
MW-29A	05/18/2009	Shallow Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
MW-29A	06/14/2011	Shallow Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 3.7	< 0.5
MW-29A	12/06/2011	Shallow Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.94	< 0.5
MW-29A	12/06/2011	Shallow Gaspur	Duplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.95	< 0.5
MW-29A	06/07/2012	Shallow Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.94 J	< 0.5
MW-29A	12/11/2012	Shallow Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5
MW-29A	06/18/2013	Shallow Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-29A	12/10/2013	Shallow Gaspur													

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-30	05/19/2009	Lower Gaspur	Primary	< 0.5	100 D	37 D	1.4	2.6	< 0.5	2 J	4.9 J	0.33 J	< 0.5	5.4	NA
MW-30	06/16/2011	Lower Gaspur	Primary	< 0.5	72	52	0.93	2.2	< 0.5	1.4	3	< 0.5	< 0.5	11	< 0.5
MW-30	12/08/2011	Lower Gaspur	Primary	< 0.5	44	54	0.66	1.9	< 0.5	1.2	2.6	< 0.5	< 0.5	11 J	< 0.5
MW-30	06/12/2012	Lower Gaspur	Primary	< 0.5	29	66	0.78	2.1	5.3	1.2	2.8	< 0.5	< 0.5	10	< 0.5
MW-30	12/13/2012	Lower Gaspur	Primary	< 0.5	33	70	0.88	2.6	2.3	1.3	2.9	< 0.5	< 0.5	< 12	< 0.5
MW-30	12/10/2013	Lower Gaspur	Primary	< 0.5	13	74	0.95	3.9	3.1	1.1	1.6	< 0.2	< 0.5	10	< 0.3
MW-30	12/16/2014	Lower Gaspur	Primary	< 0.5	6.7	63	0.71	4.6	1.6	0.76	1.1	< 0.2	< 0.5	11	< 0.3
MW-30	12/08/2015	Lower Gaspur	Primary	< 0.5	4.8	71	0.79	3.9	3	1.1	1.7	< 0.2	< 0.5	10	< 0.3
MW-30	06/08/2016	Lower Gaspur	Primary	< 0.5	3.4	57	0.93	5.6	0.58	0.96	1.2	< 0.2	< 0.5	9.6	< 0.3
MW-30	11/30/2016	Lower Gaspur	Primary	< 0.5	1.8	61	0.71	5.8	1.4	0.83	1.3	< 0.2	< 0.5	9.7	< 0.3
MW-30	06/08/2017	Lower Gaspur	Primary	< 0.5	2.5	68	0.75	6.1	5.3	1.1	1.4	< 0.2	< 0.5	13	< 0.3
MW-31	01/01/2004	Intermediate Gaspur	Primary	< 0.5	79 D	22 D	1.4	2	< 0.5	< 0.5	8	0.42 J	< 0.5	NA	NA
MW-31	07/01/2004	Intermediate Gaspur	Primary	< 0.5	63 D	17	1.3	1.6	0.26 J	0.36 J	5.5	0.31 J	< 0.5	17	NA
MW-31	08/01/2006	Intermediate Gaspur	Primary	< 0.5	11	4.4	0.49 J	< 0.5	< 0.5	0.49 J	< 0.5	< 0.5	< 0.5	2.6	NA
MW-31	03/01/2008	Intermediate Gaspur	Primary	< 0.5	5.6	3.5	0.32 J	0.73	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.7 J	NA
MW-31	05/17/2009	Intermediate Gaspur	Primary	< 0.5	10	5.4	0.4 J	0.73	< 0.5	< 0.5	0.29 J	< 0.5	< 0.5	< 2	NA
MW-31	06/14/2011	Intermediate Gaspur	Primary	< 0.5	24	13	0.81	1.1	< 0.5	0.53	< 0.5	< 0.5	< 0.5	15	2.4
MW-31	12/07/2011	Intermediate Gaspur	Primary	< 0.5	41	22	1.4	1.9	< 0.5	0.99	< 0.5	< 0.5	< 0.5	12 J	4
MW-31	06/07/2012	Intermediate Gaspur	Primary	< 0.5	35	24	1.2	1.6	< 0.5 J	1.2	< 0.5	< 0.5	< 0.5	16 J	3.1
MW-31	12/12/2012	Intermediate Gaspur	Primary	< 0.5	53	33	1.9	2.2	< 0.5	1.8	< 0.5	< 0.5	< 0.5	45	3.9
MW-31	12/10/2013	Intermediate Gaspur	Primary	< 0.5	30	25	1.4	1.9	< 0.5	1.1	< 0.3	< 0.2	< 0.5	21	3.5
MW-31	12/17/2014	Intermediate Gaspur	Primary	< 0.5	18	15	1.4	1.2	< 0.5	0.56	< 0.3	< 0.2	< 0.5	19	< 0.3
MW-31	12/08/2015	Intermediate Gaspur	Primary	< 0.5	16	15	1.6	1.3	< 0.5	0.86	< 0.3	< 0.2	< 0.5	14	0.94
MW-31	11/29/2016	Intermediate Gaspur	Primary	< 0.5	9.5	14	1.5	1.2	< 0.5	0.61	0.43 J	< 0.2	< 0.5	11	< 0.3
MW-31	06/09/2017	Intermediate Gaspur	Primary	< 0.5	0.8	3.5	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	3.6	< 0.3
MW-31A	03/01/2008	Shallow Gaspur	Primary	< 0.5	0.44 J	12	< 0.5	0.4 J	0.38 J	< 0.5	< 0.5	< 0.5	< 0.5	1.4 J	NA
MW-31A	05/17/2009	Shallow Gaspur	Primary	< 0.5	0.34 J	14	< 0.5	0.43 J	0.36 J	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
MW-31A	06/14/2011	Shallow Gaspur	Primary	< 0.5	< 0.5	13	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	3 J	< 0.5
MW-31A	12/06/2011	Shallow Gaspur	Primary	< 0.5	< 0.5	12	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	3.3	< 0.5
MW-31A	06/07/2012	Shallow Gaspur	Primary	< 0.5	< 0.5	12	< 0.5	< 0.5	< 0.5 J	< 0.5	< 0.5	< 0.5	< 0.5	1.8 J	< 0.5
MW-31A	12/11/2012	Shallow Gaspur	Primary	< 0.5	< 0.5	14	< 0.5	0.59	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5
MW-31A	12/11/2012	Shallow Gaspur	Duplicate	< 0.5	< 0.5	14	< 0.5	0.59	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.7	< 0.5
MW-31A	12/10/2013	Shallow Gaspur	Primary	< 0.5	< 0.2	17	< 0.3	0.77	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-31A	12/17/2014	Shallow Gaspur	Primary	< 0.5	< 0.2	9.8	< 0.3	0.42 J	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-31A	12/08/2015	Shallow Gaspur	Primary	< 0.5	< 0.2	14	< 0.3	0.57	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-31A	12/08/2015	Shallow Gaspur	Duplicate	< 0.5	0.28 J	13	< 0.3	0.55	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-31A	11/29/2016	Shallow Gaspur	Primary	< 0.5	< 0.2	6.6	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-31A	06/07/2017	Shallow Gaspur	Primary	< 0.5	< 0.2	4.4	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-31B	03/01/2008	Lower Gaspur	Primary	< 0.5	250 D	13	1.7	4	0.34 J	2	4.9	0.2 J	< 0.5	9.7	NA
MW-31B	05/17/2009	Lower Gaspur	Primary	< 0.5 J	180 DJ	13 J									

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L	
MW-31B	06/07/2017	Lower Gaspur	Primary	< 0.5	1.6	47	0.84	3.4	< 0.5	0.67	2.9	< 0.2	< 0.5	8.5	< 0.3	
MW-31B	06/07/2017	Lower Gaspur	Duplicate	< 0.5	1.7	49	0.97	3.4	< 0.5	0.62	2.9	< 0.2	< 0.5	8.3	< 0.3	
MW-32	01/01/2004	Exposition	Primary	< 0.5	1.3	0.17 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	
MW-32	01/01/2004	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	
MW-32	11/01/2004	Exposition	Primary	< 0.5	0.46 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	NA	
MW-32	08/01/2006	Exposition	Primary	< 0.5	0.24 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	NA	
MW-32	03/01/2008	Exposition	Primary	< 0.5	0.47 J	< 0.5	< 0.5	< 0.5	< 0.5	0.73	< 0.5	0.32 J	< 0.5	< 0.5	< 2	NA
MW-32	05/15/2009	Exposition	Primary	< 0.5	0.33 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA	
MW-32	12/05/2011	Exposition	Primary	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.94	< 0.5	
MW-32	06/07/2012	Exposition	Primary	< 0.5	0.83	1	< 0.5	< 0.5	< 0.5 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.94	< 0.5	
MW-32	12/11/2012	Exposition	Primary	< 0.5	0.9	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.95	< 0.5	
MW-32	06/11/2014	Exposition	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3	
MW-32	07/13/2016	Exposition	Primary	< 0.5	< 0.5	0.67	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
MW-32	07/13/2016	Exposition	Duplicate	< 0.5	< 0.5	0.63	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
MW-32	08/08/2016	Exposition	Primary	< 0.5	< 0.2	1.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3	
MW-32	11/29/2016	Exposition	Primary	< 0.5	< 0.2	1.3	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3	
MW-32	06/09/2017	Exposition	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3	
MW-33A	07/01/2005	Shallow Gaspur	Primary	< 0.5	2.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	540	NA	
MW-33A	07/01/2005	Shallow Gaspur	Primary	5.6	940 D	190 D	29 E	12	4.6	50 D	8.1	2.5	4.9	630	NA	
MW-33A	08/01/2005	Shallow Gaspur	Primary	4.6	1200	190	27	15	7.2	49	7.3	2.2	3.9	470	NA	
MW-33A	09/01/2005	Shallow Gaspur	Primary	4.9	1200	210	33	11	5.5	52	6.1	2	3.3	500	NA	
MW-33A	09/01/2005	Shallow Gaspur	Primary	1.6	990	100	9.9	4.3	1.6	19	4.2	0.9	1.9	350	NA	
MW-33A	10/01/2005	Shallow Gaspur	Primary	2.9	450	100	16	6	2.4	26	4.4	1.2	2.7	440	NA	
MW-33A	11/01/2005	Shallow Gaspur	Primary	4.4	680	140	20	7.8	3.2	42	5	1	3.4	300	NA	
MW-33A	01/01/2006	Shallow Gaspur	Primary	1.6	670	74	10	3.7	0.9	18	3.2	0.7	1.4	270	NA	
MW-33A	03/01/2006	Shallow Gaspur	Primary	< 2.5	280 D	33	4.2	< 2.5	< 2.5	10	< 2.5	< 2.5	< 2.5	170	NA	
MW-33A	04/01/2006	Shallow Gaspur	Primary	0.6	160	25	2.3	1.1	0.3	9.4	1.7	0.3	0.9	140	NA	
MW-33A	04/01/2006	Shallow Gaspur	Primary	1.1	260	29	5	1.9	0.7	12	1.9	0.3	1	120	NA	
MW-33A	05/01/2006	Shallow Gaspur	Primary	0.4	120	14	1.7	0.7	0.2	5.3	0.8	< 0.5	0.4	220	NA	
MW-33A	06/01/2006	Shallow Gaspur	Primary	1.6	180	62	3.5	2.1	0.6	22	2.3	0.3	2.4	99	NA	
MW-33A	08/01/2006	Shallow Gaspur	Primary	< 0.5	130 D	41 D	2.9	1.6	< 0.5	21	< 0.5	0.33 J	1.5	74	NA	
MW-33A	03/01/2008	Shallow Gaspur	Primary	2.2	490 D	140 D	17	6.3	2.4	28 D	3.5	1	2.4	450 D	NA	
MW-33A	05/12/2009	Shallow Gaspur	Primary	1.8 J	480 D	81 D	12 J	4 J	1.6 J	26 J	< 2.5	< 2.5	< 2.5	110 D	NA	
MW-33A	06/16/2011	Shallow Gaspur	Primary	< 1	140	130	7.9	3.6	1.4	23	2.1	< 1	1.7	300	< 1	
MW-33A	06/16/2011	Shallow Gaspur	Duplicate	< 1	140	130	7.8	3.5	1.4	23	2	< 1	< 1	280	< 1	
MW-33A	12/09/2011	Shallow Gaspur	Primary	< 1	130	160	7.3	4.3	2.1	28	3.2	< 1	2	170 J	< 1	
MW-33A	06/08/2012	Shallow Gaspur	Primary	0.75	130	170	10	4.9	2.5	34	3.2	0.54	< 0.5	280 J	1.2	
MW-33A	12/14/2012	Shallow Gaspur	Primary	< 0.5	53	190	9.2	4.5	3	35	2.9	< 0.5	1.7	170 J	0.86	
MW-33A	06/19/2013	Shallow Gaspur	Primary	< 0.5	46	270	16	9.2	6.7	54	4.2	0.65	2.1	180 J	0.92	
MW-33A	12/12/2013	Shallow Gaspur	Primary	< 0.5	78	150	11	4.7	3.4	33	2.4					

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
 COOPER DRUM COMPANY SUPERFUND SITE
 SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-33B	07/01/2005	Intermediate Gaspur	Primary	< 0.5	39 D	41 D	1.1	0.5 JB	1.9 B	1.3	< 0.5	< 0.5	< 0.5	1.4	NA
MW-33B	07/01/2005	Intermediate Gaspur	Primary	< 0.5	26 D	30 D	< 0.5	2.5	< 0.5	1.9	< 0.5	0.15 J	< 0.5	2.1	NA
MW-33B	08/01/2005	Intermediate Gaspur	Primary	< 0.5	30	36	2.3	3.8	0.6	2.9	0.5	< 0.5	< 0.5	2.5	NA
MW-33B	09/01/2005	Intermediate Gaspur	Primary	< 0.5	38	42	2.4	3.3	0.6	2.4	< 0.5	< 0.5	< 0.5	2	NA
MW-33B	09/01/2005	Intermediate Gaspur	Primary	< 0.5	34	32	1.5	2.7	< 0.5	1.7	< 0.5	< 0.5	< 0.5	< 1	NA
MW-33B	10/01/2005	Intermediate Gaspur	Primary	< 0.5	35	28	1	2.1	0.2 J	1.2	0.3	< 0.5	< 0.5	0.6	NA
MW-33B	11/01/2005	Intermediate Gaspur	Primary	< 0.5	34	28	1.3	2.9	0.3	1.3	0.3	< 0.5	< 0.5	0.6 J	NA
MW-33B	01/01/2006	Intermediate Gaspur	Primary	< 0.5	41	28	1.5	3.1	0.3	1.4	0.4	< 0.5	< 0.5	0.7	NA
MW-33B	03/01/2006	Intermediate Gaspur	Primary	< 0.5	26 D	25 D	0.97	1.9	< 0.5	1.2	< 0.5	< 0.5	< 0.5	0.8	NA
MW-33B	04/01/2006	Intermediate Gaspur	Primary	< 0.5	30	26	0.9	1.9	0.3	1.2	< 0.5	0.3 J	< 0.5	0.8	NA
MW-33B	05/01/2006	Intermediate Gaspur	Primary	< 0.5	24	24	1	1.9	0.2 J	1.1	< 0.5	< 0.5	< 0.5	0.8	NA
MW-33B	06/01/2006	Intermediate Gaspur	Primary	< 0.5	25	28	0.9	2.1	0.2	1	0.2 J	< 0.5	< 0.5	1	NA
MW-33B	08/01/2006	Intermediate Gaspur	Primary	< 0.5	21	27 D	0.95	1.7	< 0.5	1.4	< 0.5	< 0.5	< 0.5	0.7 J	NA
MW-33B	03/01/2008	Intermediate Gaspur	Primary	< 0.5	31 D	140 D	4.9	6.5	1.3	8.4	0.68	0.25 J	0.77	16	NA
MW-33B	05/12/2009	Intermediate Gaspur	Primary	< 2.5	28	160 D	7	5.4	1.8 J	12	< 2.5	< 2.5	< 2.5	< 2	NA
MW-33B	07/14/2010	Intermediate Gaspur	Primary	< 0.5	19	160	10	7.1	1.8	14	0.88	< 0.5	0.79	22 J	< 0.5
MW-33B	06/16/2011	Intermediate Gaspur	Primary	< 0.5	9.2	120	7.8	5.5	2.9	8.5	0.51	< 0.5	< 0.5	40	< 0.5
MW-33B	12/08/2011	Intermediate Gaspur	Primary	< 0.5	9.9	100	6	4.5	1.6	8.1	0.59	< 0.5	0.66	18	< 0.5
MW-33B	06/08/2012	Intermediate Gaspur	Primary	< 0.5	8	140	8.9	6.4	2	9.9	0.81	< 0.5	1.1	16 J	< 0.5
MW-33B	12/14/2012	Intermediate Gaspur	Primary	< 0.5	6.1	130	7.1	5.2	1.2	7.6	0.56	< 0.5	0.78	14 J	< 0.5
MW-33B	06/20/2013	Intermediate Gaspur	Primary	< 0.5	5.2	120	7.4	4.1	1.5	12	0.61	< 0.2	< 0.5	25	< 0.3
MW-33B	12/12/2013	Intermediate Gaspur	Primary	< 0.5	3	39	3.8	2	0.68	2.4	< 0.3	< 0.2	< 0.5	12	< 0.3
MW-33B	06/09/2014	Intermediate Gaspur	Primary	< 0.5	2.2	22	1.6	1.1	< 0.5	1.4	0.41 J	< 0.2	< 0.5	4.6	< 0.3
MW-33B	12/16/2014	Intermediate Gaspur	Primary	< 0.5	2.2	43	2.9	2	< 0.5	2.6	0.37 J	< 0.2	< 0.5	5	< 0.3
MW-33B	06/10/2015	Intermediate Gaspur	Primary	< 0.5	2.5	42	2.9	2.5	< 0.5	2.5	0.86	< 0.2	< 0.5	4	< 0.3
MW-33B	12/09/2015	Intermediate Gaspur	Primary	< 0.5	2.1	44	2.4	2	< 0.5	2.6	0.87	< 0.2	< 0.5	3.1	< 0.3
MW-33B	06/10/2016	Intermediate Gaspur	Primary	< 0.5	2.1 J	29	2.4	1.3	< 0.5	1.3	0.59	< 0.2	< 0.5	4.8	< 0.3
MW-33B	06/10/2016	Intermediate Gaspur	Duplicate	< 0.5	3.7 J	30	2.5	1.5	< 0.5	1.6	0.64	< 0.2	< 0.5	4.7	< 0.3
MW-33B	12/01/2016	Intermediate Gaspur	Primary	< 0.5	2.3	35	3.3	2.1	< 0.5	1.2	0.6	< 0.2	< 0.5	8.3	< 0.3
MW-33B	06/09/2017	Intermediate Gaspur	Primary	< 0.5	0.71	1.6	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-34	03/01/2008	Shallow Gaspur	Primary	< 0.5	6.1	180 D	1.4	8.1	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
MW-34	05/16/2009	Shallow Gaspur	Primary	< 0.5	46 E	420 E	1.8	24 E	0.71	0.5	< 0.5	< 0.5	< 0.5	< 2	NA
MW-34	12/09/2011	Shallow Gaspur	Primary	< 2.5	46	540	< 2.5	20	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	5.6	< 2.5
MW-34	12/09/2011	Shallow Gaspur	Duplicate	< 5	41	500	< 5	18	< 5	< 5	< 5	< 5	< 5	5.3	< 5
MW-34	06/12/2012	Shallow Gaspur	Primary	< 2.5	56	620	< 2.5	25	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	5.3	< 2.5
MW-34	06/12/2012	Shallow Gaspur	Split	< 2	52	600 D	2.1	26	1.4 J	2.2	< 2	< 2	< 2	2.5	NA
MW-34	06/12/2012	Shallow Gaspur	Duplicate	< 5	64	730	< 5	28	< 5	< 5	< 5	< 5	< 5	5.2	< 5
MW-34	12/12/2012	Shallow Gaspur	Primary	< 5	63	610	< 5	26	< 5	< 5	< 5	< 5	< 5	4.8	< 5
MW-34	12/12/2012	Shallow Gaspur	Duplicate	< 5	64	630	< 5	28	< 5	< 5	< 5	< 5	< 5	5.3	< 5
MW-34	03/26/2014	Shallow Gaspur	Primary	< 2.5	45	470	< 2.5	25	< 2.5	1.6 J	< 2.5	< 2.5	< 2.5	1.	

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
 COOPER DRUM COMPANY SUPERFUND SITE
 SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-35	12/12/2012	Lower Gaspur	Primary	< 0.5	4.6	26	< 0.5	3.5	20	< 0.5	8.6	< 0.5	< 0.5	7.4	< 0.5
MW-35	03/26/2014	Lower Gaspur	Primary	< 0.5	6.9	58	< 0.5	5.5	< 0.5	0.33 J	5.8	< 0.5	< 0.5	2.3	< 0.5
MW-35	07/12/2016	Lower Gaspur	Primary	< 0.5	3.5	330	4	15	< 0.5	3	6.8	0.7	< 0.5	19	< 0.5
MW-35	11/30/2016	Lower Gaspur	Primary	< 2.5	1.9 J	420	4.4	15	< 2.5	3.2	5.2	< 1	< 2.5	23	< 1.5
MW-35	06/06/2017	Lower Gaspur	Primary	< 0.5	< 0.2	0.61	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.5	< 0.5	< 1	< 0.3
MW-36	03/01/2008	Intermediate Gaspur	Primary	< 0.5	7.6	4.9	< 0.5	0.61	< 0.5	0.24 J	1.6	< 0.5	< 0.5	0.82 J	NA
MW-36	05/15/2009	Intermediate Gaspur	Primary	< 0.5	7	6.7	< 0.5	1.4	< 0.5	< 0.5 J	2.4	< 0.5	< 0.5	2.2	NA
MW-36	06/15/2011	Intermediate Gaspur	Primary	< 0.5	7.8	12	< 0.5	2.4	< 0.5	< 0.5	3	0.61	< 0.5	< 4	< 0.5
MW-36	06/15/2011	Intermediate Gaspur	Duplicate	< 0.5	8.1	13	< 0.5	2.5	< 0.5	< 0.5	3.2	0.61	< 0.5	< 4	< 0.5
MW-36	12/08/2011	Intermediate Gaspur	Primary	< 0.5	9.8	13	< 0.5	2.7	< 0.5	< 0.5	2.9	< 0.5	< 0.5	< 0.96	< 0.5
MW-36	06/08/2012	Intermediate Gaspur	Primary	< 0.5	9.9	13	< 0.5	3.4	< 0.5	< 0.5	2.3	< 0.5	< 0.5	< 0.94	< 0.5
MW-36	12/11/2012	Intermediate Gaspur	Primary	< 0.5	4.4	5.3	< 0.5	0.75	< 0.5	< 0.5	2.7	< 0.5	< 0.5	0.98	< 0.5
MW-36	06/20/2013	Intermediate Gaspur	Primary	< 0.5	8.2	11	< 0.3	4.4	< 0.5	< 0.2	1.8	< 0.2	< 0.5	< 1	< 0.3
MW-36	12/10/2013	Intermediate Gaspur	Primary	< 0.5	8.2	11	< 0.3	3.2	< 0.5	< 0.2	1.4	< 0.2	< 0.5	< 1	< 0.3
MW-36	06/10/2014	Intermediate Gaspur	Primary	< 0.5	5.9	8.8	< 0.3	2.7	< 0.5	< 0.2	0.97	< 0.2	< 0.5	< 1	< 0.3
MW-36	12/18/2014	Intermediate Gaspur	Primary	< 0.5	5.2	11	< 0.3	2.9	< 0.5	< 0.2	1.1	< 0.2	< 0.5	< 1	< 0.3
MW-36	06/08/2015	Intermediate Gaspur	Primary	< 0.5	5.6	9	< 0.3	2.6	< 0.5	< 0.2	1.6	< 0.2	< 0.5	< 1	< 0.3
MW-36	12/10/2015	Intermediate Gaspur	Primary	< 0.5	3.6	9.1	< 0.3	2.6	< 0.5	< 0.2	0.88	< 0.2	< 0.5	< 1	< 0.3
MW-36	06/07/2016	Intermediate Gaspur	Primary	< 0.5	3.7	7.3	< 0.3	2.1	< 0.5	< 0.2	0.85	< 0.2	< 0.5	< 1	< 0.3
MW-36	11/29/2016	Intermediate Gaspur	Primary	< 0.5	1.7	9	< 0.3	2.1	< 0.5	< 0.2	0.94	< 0.2	< 0.5	< 1	< 0.3
MW-36	06/08/2017	Intermediate Gaspur	Primary	< 0.5	0.53	2.8	< 0.3	< 0.4	< 0.5	< 0.2	0.38 J	< 0.2	< 0.5	< 1	< 0.3
MW-37	03/01/2008	Lower Gaspur	Primary	< 0.5	66 DJ	32 D	1.1	2.8	0.98	3	2.9	0.3 J	< 0.5	5.8	NA
MW-37	05/15/2009	Lower Gaspur	Primary	< 0.5 J	92 DJ	39 DJ	0.75 J	2.5 J	< 0.5 J	1.3 J	2 J	< 0.5 J	< 0.5 J	< 2	NA
MW-37	06/15/2011	Lower Gaspur	Primary	< 0.5	1.9	150	1.4	7.2	< 0.5	1.6	5.5	< 0.5	< 0.5	13	< 0.5
MW-37	12/08/2011	Lower Gaspur	Primary	< 0.5	1.2	94	0.74	4.2	< 0.5	1	4.9	< 0.5	< 0.5	9.5	< 0.5
MW-37	06/12/2012	Lower Gaspur	Primary	< 0.5	4.1	58	0.51	3.6	< 0.5	0.85	7	2	< 0.5	2.5	< 0.5
MW-37	12/13/2012	Lower Gaspur	Primary	< 0.5	5.8	53	0.52	3.9	0.5	0.63	7.4	3.1	< 0.5	< 2	< 0.5
MW-37	06/20/2013	Lower Gaspur	Primary	< 0.5	1.8	110	1.3	6.2	< 0.5	1.1	3.6	0.56	< 0.5	12	< 0.3
MW-37	12/10/2013	Lower Gaspur	Primary	< 0.5	2.4	100	0.9	5.7	0.51	0.81	4.9	2.1	< 0.5	9.1	< 0.3
MW-37	06/10/2014	Lower Gaspur	Primary	< 0.5	2.8	160	1.5	8.2	< 0.5	1	4.4	1.4	< 0.5	12	< 0.3
MW-37	12/18/2014	Lower Gaspur	Primary	< 0.5	2.6	84	0.85	5.9	0.73	0.7	2.6	1.5	< 0.5	10	< 0.3
MW-37	12/18/2014	Lower Gaspur	Duplicate	< 0.5	2.6	83	0.83	5.7	0.7	0.65	2.8	1.5	< 0.5	10	< 0.3
MW-37	06/08/2015	Lower Gaspur	Primary	< 0.5	3	81	0.81	9.5	2.3	0.77	5.3	5.7	< 0.5	7.8	< 0.3
MW-37	12/10/2015	Lower Gaspur	Primary	< 0.5	4.4	130	1.4	10	0.79	1.5	3.2	1	< 0.5	11	< 0.3
MW-37	12/10/2015	Lower Gaspur	Duplicate	< 0.5	4.9	130	1.5	11	0.68	1.4	3.4	1.2	< 0.5	11	< 0.3
MW-37	06/08/2016	Lower Gaspur	Primary	< 0.5	4.5	140	2.4	12	0.78	1.7	4.3	1.2	< 0.5	12	< 0.3
MW-37	11/29/2016	Lower Gaspur	Primary	< 0.5	2.5	100	1.2	13	1.2	0.97	4	6.4	< 0.5	10	< 0.3
MW-37	06/08/2017	Lower Gaspur	Primary	< 0.5	3.3	140	1.6	10	< 0.5	1.6	2.3	0.99	< 0.5	15	< 0.3
MW-38	03/01/2008	Shallow Gaspur	Primary	< 0.5	1.1	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
MW-38	05/16/2009	Shallow Gaspur	Primary	< 0.5	0.94	1.5									

TABLE V

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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-38	11/28/2016	Shallow Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-38	06/09/2017	Shallow Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-39	03/01/2008	Intermediate Gaspur	Primary	< 0.5	16	6.6	0.23 J	1.1	< 0.5	< 0.5	1.3	< 0.5	< 0.5	2.6	NA
MW-39	05/16/2009	Intermediate Gaspur	Primary	< 0.5	17	7.2	0.44 J	0.99	< 0.5	< 0.5	1.1	< 0.5	< 0.5	1.9 J	NA
MW-39	06/15/2011	Intermediate Gaspur	Primary	< 0.5	57	28	1.5	2.4	< 0.5	1.3	0.79	< 0.5	< 0.5	36	4.3
MW-39	12/08/2011	Intermediate Gaspur	Primary	< 0.5	25	68	1.5	2.7	< 0.5	2.3	0.86	< 0.5	< 0.5	76	6.2
MW-39	06/12/2012	Intermediate Gaspur	Primary	< 0.5	9.6	47	1.1	1.2	< 0.5	2.5	< 0.5	< 0.5	< 0.5	47	1.5
MW-39	06/12/2012	Intermediate Gaspur	Split	< 0.5	8	40 D	1	1.4	0.29 J	2	< 0.5	< 0.5	0.15 J	23	NA
MW-39	12/11/2012	Intermediate Gaspur	Primary	< 0.5	3.8	29	0.66	0.89	< 0.5	1.3	< 0.5	< 0.5	< 0.5	19	0.61
MW-39	12/10/2013	Intermediate Gaspur	Primary	< 0.5	14	68	2.4	3.7	< 0.5	6.5	< 0.3	< 0.2	< 0.5	47	< 0.3
MW-39	12/16/2014	Intermediate Gaspur	Primary	< 0.5	7.4	54	1.9	2.8	< 0.5	4.7	0.42 J	< 0.2	< 0.5	35	< 0.3
MW-39	12/07/2015	Intermediate Gaspur	Primary	< 0.5	10	76	3.1	3.7	0.77	6.4	0.74	< 0.2	< 0.5	47	< 0.3
MW-39	08/08/2016	Intermediate Gaspur	Primary	< 0.5	4.8	42	1.8	2.3	< 0.5	1.7	< 0.3	< 0.2	< 0.5	23	0.75
MW-39	11/28/2016	Intermediate Gaspur	Primary	< 0.5	5.4	85	3.3	5.2	< 0.5	3	0.44 J	< 0.2	< 0.5	48	1.8
MW-39	06/09/2017	Intermediate Gaspur	Primary	< 0.5	0.82	6.6	< 0.3	< 0.4	< 0.5	0.32 J	< 0.3	< 0.2	< 0.5	10	< 0.3
MW-39	06/09/2017	Intermediate Gaspur	Duplicate	< 0.5	0.87	7.1	< 0.3	< 0.4	< 0.5	0.34 J	< 0.3	< 0.2	< 0.5	10	< 0.3
MW-40	03/01/2008	Lower Gaspur	Primary	< 0.5	44 D	9.8	0.89	3.5	0.27 J	0.56	3.6	< 0.5	< 0.5	5.1	NA
MW-40	05/16/2009	Lower Gaspur	Primary	< 0.5	54 DJ	9.9	0.76	2.6	< 0.5	0.56 J	2.8 J	< 0.5	< 0.5	2.1	NA
MW-40	06/15/2011	Lower Gaspur	Primary	< 0.5	22	65	0.93	4.5	< 0.5	1.1	2.3	< 0.5	< 0.5	9.9	0.71
MW-40	12/07/2011	Lower Gaspur	Primary	< 0.5	4.6	82	0.95	5.9	< 0.5	1.1	2.1	< 0.5	< 0.5	12	1.1
MW-40	06/08/2012	Lower Gaspur	Primary	< 0.5	1.2	60	0.64	4	< 0.5	0.83	1.7	< 0.5	< 0.5	10	0.51
MW-40	12/12/2012	Lower Gaspur	Primary	< 0.5	3.2	58	1	5.7	< 0.5	1.4	1.6	< 0.5	< 0.5	12 J	1.4
MW-40	12/10/2013	Lower Gaspur	Primary	< 0.5	4	57	1.3	6.7	< 0.5	1.8	1.5	< 0.2	< 0.5	19	< 0.3
MW-40	12/16/2014	Lower Gaspur	Primary	< 0.5	2.9	41	1.5	6.5	< 0.5	3.1	0.9	< 0.2	< 0.5	29	< 0.3
MW-40	12/07/2015	Lower Gaspur	Primary	< 0.5	3.3	49	1.7	6.9	0.6	3.1	1.2	< 0.2	< 0.5	19	< 0.3
MW-40	08/08/2016	Lower Gaspur	Primary	< 0.5	2	45	2.1	7	0.66	2.9	0.9	< 0.2	< 0.5	23	< 0.3
MW-40	11/28/2016	Lower Gaspur	Primary	< 0.5	2.3	43	1.6	7.5	< 0.5	2.1	0.96	< 0.2	< 0.5	20	< 0.3
MW-40	06/09/2017	Lower Gaspur	Primary	< 0.5	0.95	46	1.6	6.6	0.5	2.8	0.73	< 0.2	< 0.5	26	< 0.3
MW-41	03/01/2008	Lower Gaspur	Primary	< 0.5	34 D	2.4	0.22 J	0.47 J	< 0.5	< 0.5	0.55	< 0.5	< 0.5	< 2	NA
MW-41	05/14/2009	Lower Gaspur	Primary	< 2	310 DJ	5.5	< 2	1.3 J	< 2	1.1 J	< 2	< 2	< 2	< 2	NA
MW-41	06/16/2011	Lower Gaspur	Primary	< 0.5	8.4	28	< 0.5	1.2	< 0.5	1.8	1.8	< 0.5	< 0.5	14	< 0.5
MW-41	12/07/2011	Lower Gaspur	Primary	< 0.5	8.1	53	0.99	2.6	5.6	6.8	2.8	< 0.5	< 0.5	23 J	< 0.5
MW-41	06/13/2012	Lower Gaspur	Primary	< 0.5	28	72	< 0.5	2.2	< 0.5	0.58	0.69	< 0.5	< 0.5	9.2	< 0.5
MW-41	12/11/2012	Lower Gaspur	Primary	< 0.5	6.8	45	0.85	2.2	5.8	6	3.1	< 0.5	< 0.5	26 J	< 0.5
MW-41	06/21/2013	Lower Gaspur	Primary	< 0.5	9.3	23	0.47 J	1.3	0.79	1.6	0.95	< 0.2	< 0.5	10	< 0.3
MW-41	12/12/2013	Lower Gaspur	Primary	< 0.5	14	46	0.64	2.5	0.56	1	< 0.3	< 0.2	< 0.5	7	< 0.3
MW-41	06/11/2014	Lower Gaspur	Primary	< 0.5	7.9	25	0.39 J	1.4	< 0.5	0.57	0.65	< 0.2	< 0.5	5.1	< 0.3
MW-41	06/11/2014	Lower Gaspur	Duplicate	< 0.5	7.7	23	< 0.3	1.1	< 0.5	0.25 J	0.58	< 0.2	< 0.5	5.3	< 0.3
MW-41	12/15/2014	Lower Gaspur	Primary	< 0.5	3	13	< 0.3	0.82	< 0.5	0.35 J	0.49 J	< 0.2	< 0.5	2.5	< 0.3
MW-41	06/08/2015	Lower Gaspur	Primary	< 0.5	4.3	17	0.34 J	1.1	< 0.5	0.41 J	0.58	< 0.2	< 0.5	1.7 J	< 0.3
MW-41	12/08/2015	Lower Gaspur	Primary	< 0.5	4.6	20	0.38 J	0.85	< 0.5	0.56	0.72	< 0.2	< 0.5	1.8 J	< 0.3
MW-41	06/07/2016	Lower Gaspur	Primary	< 0.5	3.4	17	0.51	0.79	< 0.5	0.84	0.63	< 0.2	< 0.5	3.7	< 0.3
MW-41	12/01/2016	Lower Gaspur	Primary	< 0.5	2.8	9.5	0.39 J	0.64	< 0.5	0.67	0.6	< 0.2	< 0.5	2.4	< 0.3
MW-41	06/07/2017	Lower Gaspur	Primary	< 0.5	1.3	16	0.31 J	0.65	< 0.5	2.6	0.8	< 0.2	< 0.5	30	< 0.3
MW-42	05/14/2009	Shallow Gaspur	Primary	< 0.5 J	30 EJ	410 EJ	1.5 J	14 J	0.96 J	3.4 J	< 0.5 J	< 0.5 J	< 0.5 J	1.9 J	NA
MW-42	03/26/2014	Shallow Gaspur	Primary	< 10	390	4000	< 10	75	< 10	25	< 10	< 10	< 10	24	

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
 COOPER DRUM COMPANY SUPERFUND SITE
 SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-43	03/26/2014	Intermediate Gaspur	Primary	< 0.5	8.6	25	< 0.5	1.4	< 0.5	0.22 J	7.6	< 0.5	< 0.5	2.8	< 0.5
MW-43	07/12/2016	Intermediate Gaspur	Primary	< 0.5	5.4	42	3.4	3	1	1	44	< 0.5	< 0.5	4	< 0.5
MW-44	05/15/2009	Lower Gaspur	Primary	< 0.5 J	31 DJ	38 DJ	0.61 J	3.8 J	< 0.5 J	0.32 J	3 J	< 0.5 J	< 0.5 J	< 2	NA
MW-44	12/07/2011	Lower Gaspur	Primary	< 0.5	16	43	< 0.5	5.2	< 0.5	< 0.5	3.7	< 0.5	< 0.5	4.8	< 0.5
MW-44	03/26/2014	Lower Gaspur	Primary	< 0.5	2.9	21	< 0.5	1.5	< 0.5	0.2 J	4	< 0.5	< 0.5	2.8	< 0.5
MW-44	07/12/2016	Lower Gaspur	Primary	< 0.5	< 0.5	0.37 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	8.2	< 0.5
MW-45	05/15/2009	Intermediate Gaspur	Primary	< 0.5	2.1	19	< 0.5	1.3	< 0.5	< 0.5	1	< 0.5	< 0.5	< 2	NA
MW-45	03/25/2014	Intermediate Gaspur	Primary	< 0.5	2.2	39	< 0.5	3.7	< 0.5	0.21	0.84	< 0.5	< 0.5	2.1	< 0.5
MW-45	07/14/2016	Intermediate Gaspur	Primary	< 0.5	1.6	76	0.99	5.8	< 0.5	0.45 J	5.4	0.43 J	< 0.5	3.5	< 0.5
MW-46	05/15/2009	Shallow Gaspur	Primary	< 0.5 J	56 DJ	95 DJ	0.38 J	5.4 J	< 0.5 J	< 0.5 J	< 0.5 J	< 0.5 J	< 0.5 J	< 2	NA
MW-46	03/24/2014	Shallow Gaspur	Primary	< 0.5	8.6 J	47 J	< 0.5	3.7 J	< 0.5	0.097 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MW-46	07/19/2016	Shallow Gaspur	Primary	< 1	57	460	2.2	37	< 1	7.5	< 1	< 1	< 1	3.5	< 1
MW-47	05/15/2009	Intermediate Gaspur	Primary	< 2.5 J	99 J	470 DJ	< 2.5 J	14 J	< 2.5 J	< 2.5 J	< 2.5 J	< 2.5 J	< 2.5 J	< 2	NA
MW-47	03/24/2014	Intermediate Gaspur	Primary	< 4	14	700	< 4	47	< 4	1.3 J	< 4	< 4	< 4	1.8	< 4
MW-47	07/19/2016	Intermediate Gaspur	Primary	< 5	5.4	490	< 5	30	< 5	6.1	< 5	< 5	< 5	6.2	< 5
MW-48	05/15/2009	Lower Gaspur	Primary	< 0.5 J	25 DJ	52 DJ	0.3 J	3.8 J	< 0.5 J	< 0.5 J	1.2 J	< 0.5 J	< 0.5 J	< 2	NA
MW-48	03/24/2014	Lower Gaspur	Primary	< 0.5	29	82	2.1	5.5	< 0.5	1.6	6.9	< 0.5	0.12	8.7	< 0.5
MW-48	07/19/2016	Lower Gaspur	Primary	< 0.5	1.3	100	1.9	6.3	1.1	1.3	15	< 0.5	< 0.5	13	< 0.5
MW-49	05/15/2009	Shallow Gaspur	Primary	< 0.5	29 D	99 D	< 0.5	4.2	< 0.5	< 0.5 J	< 0.5 J	< 0.5	< 0.5	< 2	NA
MW-49	03/26/2014	Shallow Gaspur	Primary	< 0.5	2.9	41	< 0.5	3.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MW-49	07/15/2016	Shallow Gaspur	Primary	< 0.5	1.6	49	< 0.5	6.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MW-49	07/15/2016	Shallow Gaspur	Duplicate	< 0.5	1.6	55	< 0.5	5.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MW-50	05/15/2009	Intermediate Gaspur	Primary	< 5	480 D	970 D	< 5	20	< 5	< 5	< 5	< 5	< 5	2.1	NA
MW-50	06/16/2011	Intermediate Gaspur	Primary	< 5	7.3	540	< 5	28	< 5	< 5	< 5	< 5	< 5	2.1 J	< 5
MW-50	12/08/2011	Intermediate Gaspur	Primary	< 2.5	3.4	590	< 2.5	34	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	1.5	< 2.5
MW-50	12/12/2012	Intermediate Gaspur	Primary	< 0.5	2.1	500	1.4	30	5.2	< 0.5	< 0.5	< 0.5	< 0.5	1.8	< 0.5
MW-50	12/10/2013	Intermediate Gaspur	Primary	< 0.5	2.7	590	1.7	33	2.2	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-50	12/16/2014	Intermediate Gaspur	Primary	< 2.5	< 1	390	< 1.5	27	3.8	< 1	< 1.5	< 1	< 2.5	1.5 J	< 1.5
MW-50	12/10/2015	Intermediate Gaspur	Primary	< 2.5	< 1	370	< 1.5	27	3.3	< 1	2.1 J	< 1	< 2.5	1.4 J	< 1.5
MW-50	11/29/2016	Intermediate Gaspur	Primary	< 2.5	1.6 J	460	2.4 J	32	5.4	< 1	< 1.5	< 1	< 2.5	2.4	< 1.5
MW-51	05/15/2009	Lower Gaspur	Primary	< 0.5	5.7	27 D	< 0.5	1.8	< 0.5	< 0.5	1.3	< 0.5	< 0.5	< 2	NA
MW-51	06/15/2011	Lower Gaspur	Primary	< 0.5	12	25	< 0.5	2.6	< 0.5	< 0.5	2.1	< 0.5	< 0.5	5.1	< 0.5
MW-51	12/08/2011	Lower Gaspur	Primary	< 0.5	13	30	< 0.5	3	< 0.5	< 0.5	2.4	< 0.5	< 0.5	3.7	< 0.5
MW-51	12/12/2012	Lower Gaspur	Primary	< 0.5	7.9	73	0.77	6	< 0.5	< 0.5	5.4	< 0.5	< 0.5	6.4	< 0.5
MW-51	12/10/2013	Lower Gaspur	Primary	< 0.5	13	82	1	7.8	< 0.5	< 0.2	5.8	0.6	< 0.5	10	< 0.3
MW-51	12/16/2014	Lower Gaspur	Primary	< 0.5	6.6	58	1.2	5.3	0.58	0.7	9.2	0.81	< 0.5	16	< 0.3
MW-51	12/10/2015	Lower Gaspur	Primary	< 0.5	3.8	89	1.8	7.8	2.3	1.2	14	0.81	< 0.5	13	< 0.3
MW-51	11/29/2016	Lower Gaspur	Primary	< 0.5	2.1	130	2.7	11	1.3	1.2	21	1.1	< 0.5	19	< 0.3
MW-52	05/15/2009	Shallow Gaspur	Primary	< 0.5	8.2	6.5	< 0.5	0.78	< 0.5	< 0.5	2.2	< 0.5	< 0.5	< 2	NA
MW-52	03/25/2014	Shallow Gaspur	Primary	< 0.5	6.1	18	< 0.5	5	< 0.5	< 0.5	2.4	< 0.5	< 0.5	< 0.5	< 0.5
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Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-53	12/10/2015	Lower Gaspur	Primary	< 0.5	4.9	49	1.3	5.4	0.87	3	2.4	< 0.2	< 0.5	11	< 0.3
MW-53	11/29/2016	Lower Gaspur	Primary	< 0.5	3.7	38	0.85	4.8	0.56	1.3	1.4	< 0.2	< 0.5	9.1	< 0.3
MW-53	11/29/2016	Lower Gaspur	Duplicate	< 0.5	3.5	36	0.83	4.9	0.53	1.1	1.4	< 0.2	< 0.5	9.2	< 0.3
MW-54	05/15/2009	Lower Gaspur	Primary	< 0.5	15 D	10	0.57	3.5	< 0.5	0.45 J	4	< 0.5	< 0.5	< 2	NA
MW-54	06/15/2011	Lower Gaspur	Primary	< 0.5	24	15	0.52	4.4	< 0.5	1.1	2.9	< 0.5	< 0.5	10	< 0.5
MW-54	12/13/2011	Lower Gaspur	Primary	< 0.5	62	19	1	5.5	< 0.5	1.6	3.6	< 0.5	< 0.5	13	< 0.5
MW-54	12/13/2012	Lower Gaspur	Primary	< 0.5	6.1	9.4	< 0.5	1.3	0.51	0.55	2.8	< 0.5	< 0.5	< 1.8	< 0.5
MW-54	12/10/2013	Lower Gaspur	Primary	< 0.5	3.8	58	1.5	8.2	< 0.5	2	1.8	< 0.2	< 0.5	10	< 0.3
MW-54	12/15/2014	Lower Gaspur	Primary	< 0.5	3	44	1.3	6	< 0.5	2	1.1	< 0.2	< 0.5	16	< 0.3
MW-54	12/10/2015	Lower Gaspur	Primary	< 0.5	3.2	46	1.9	9.8	1.1	3.4	1.6	< 0.2	< 0.5	15	< 0.3
MW-54	12/01/2016	Lower Gaspur	Primary	< 0.5	2.3	57	1.9	9	1.1	2.9	1.5	< 0.2	< 0.5	18	< 0.3
MW-55	05/15/2009	Exposition	Primary	< 0.5	2.5	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
MW-55	06/14/2011	Exposition	Primary	< 0.5	8.4	13	< 0.5	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 3.7	< 0.5
MW-55	12/06/2011	Exposition	Primary	< 0.5	5.8	24	< 0.5	1.5	< 0.5	< 0.5	0.71	< 0.5	< 0.5	1.9	< 0.5
MW-55	06/08/2012	Exposition	Primary	< 0.5	5.8	23	< 0.5	1.6	< 0.5	< 0.5	0.88	< 0.5	< 0.5	1.9	< 0.5
MW-55	11/26/2012	Exposition	Primary	< 0.5	1	24	< 0.5	1.7	< 0.5	< 0.5	0.99	< 0.5	< 0.5	3.1	< 0.5
MW-55	11/26/2012	Exposition	Primary	< 0.5	1.4	25	< 0.5	1.7	< 0.5	< 0.5	1.1	< 0.5	< 0.5	2.9	< 0.5
MW-55	11/26/2012	Exposition	Primary	< 0.5	1.6	27	< 0.5	1.9	< 0.5	< 0.5	1.1	< 0.5	< 0.5	2.7	< 0.5
MW-55	11/26/2012	Exposition	Primary	< 0.5	1.5	26	< 0.5	1.8	< 0.5	< 0.5	1.1	< 0.5	< 0.5	2.9	< 0.5
MW-55	12/11/2012	Exposition	Primary	< 0.5	2	21	< 0.5	1.1	< 0.5	< 0.5	1.1	< 0.5	< 0.5	2.4	< 0.5
MW-55	06/20/2013	Exposition	Primary	< 0.5	< 0.2	6.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	2.4	< 0.3
MW-55	06/20/2013	Exposition	Duplicate	< 0.5	< 0.2	5.7	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	1.5 J	< 0.3
MW-55	12/09/2013	Exposition	Primary	< 0.5	1.6	52	0.58	4.4	< 0.5	< 0.2	1.5	< 0.2	< 0.5	4	< 0.3
MW-55	12/09/2013	Exposition	Duplicate	< 0.5	1.6	39	0.52	3.2	< 0.5	< 0.2	1.3	< 0.2	< 0.5	3.6	< 0.3
MW-55	06/10/2014	Exposition	Primary	< 0.5	1.6	31	< 0.3	2.8	< 0.5	< 0.2	1.2	< 0.2	< 0.5	4.8	< 0.3
MW-55	06/10/2014	Exposition	Duplicate	< 0.5	1.6	29	< 0.3	2.5	< 0.5	< 0.2	1.2	< 0.2	< 0.5	4.9	< 0.3
MW-55	12/18/2014	Exposition	Primary	< 0.5	2.2	32	0.34 J	3.2	< 0.5	< 0.2	1.1	0.21 J	< 0.5	4.6	< 0.3
MW-55	06/08/2015	Exposition	Primary	< 0.5	2	30	0.41 J	3.7	0.86	0.32 J	1.8	< 0.2	< 0.5	6	< 0.3
MW-55	06/08/2015	Exposition	Duplicate	< 0.5	2	31	0.4 J	3.5	1.1	< 0.2	2	< 0.2	< 0.5	5.4	< 0.3
MW-55	12/10/2015	Exposition	Primary	< 0.5	1.1	49	0.44 J	4.1	< 0.5	0.37 J	1.7	0.27 J	< 0.5	3.1	< 0.3
MW-55	08/08/2016	Exposition	Primary	< 0.5	0.98	54	0.59	4.5	5.8	0.58	1.8	< 0.2	< 0.5	5.9	< 0.3
MW-55	11/28/2016	Exposition	Primary	< 0.5	1.4	73	0.95	5.4	< 0.5	0.63	1.6	0.43 J	< 0.5	6.7	< 0.3
MW-55	11/28/2016	Exposition	Duplicate	< 0.5	1.5	79	0.94	5.4	0.51	0.61	1.9	0.7 J	< 0.5	6.1	< 0.3
MW-55	06/09/2017	Exposition	Primary	< 0.5	1.5	67	0.53	5.3	0.62	0.64	1.3	0.41 J	< 0.5	6.9	< 0.3
MW-56	05/17/2009	Shallow Gaspur	Primary	< 2.5	3900 D	290 D	2.2 J	11	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2	NA
MW-56	03/26/2014	Shallow Gaspur	Primary	< 2	290	450	< 2	15	< 2	< 2	< 2	< 2	< 2	< 0.5	< 2
MW-56	07/18/2016	Shallow Gaspur	Primary	< 1	74	260	< 1	15	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1
MW-57A	09/27/2011	Shallow Gaspur	Primary	< 0.5	10	17	< 0.5	0.99	< 0.5	< 0.5	9.9	< 0.5	< 2.5	< 0.5	< 0.5
MW-57A	12/07/2011	Shallow Gaspur	Primary	< 0.5	8.7	18	< 0.5	1.1	< 0.5	< 0.5	5.4	< 0.5	1.7	< 0.5	< 0.5
MW-57A	03/27/2012	Shallow Gaspur	Primary	< 0.5	11	16	< 0.5	0.91	< 0.5	<					

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
 COOPER DRUM COMPANY SUPERFUND SITE
 SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-57A	06/09/2016	Shallow Gaspur	Primary	< 0.5	0.4 J	7.6	< 0.3	0.48 J	0.5	< 0.2	1.2	21	< 0.5	3.9	< 0.3
MW-57A	12/02/2016	Shallow Gaspur	Primary	< 0.5	< 0.2	6.6	< 0.3	0.44 J	0.57	0.39 J	1.4	32	< 0.5	5.8	< 0.3
MW-57A	06/08/2017	Shallow Gaspur	Primary	< 0.5	0.8	7.4	< 0.3	0.63	< 0.5	< 0.2	< 0.3	1.5	< 0.5	< 1	< 0.3
MW-57B	09/27/2011	Intermediate Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 J	< 0.5	1.8	1.8	< 0.5	< 0.95	< 0.5
MW-57B	12/08/2011	Intermediate Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.4 J	2	< 0.5	2	< 0.5
MW-57B	03/26/2012	Intermediate Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.7	1.5	< 0.5	1.7 J	< 0.5
MW-57B	06/13/2012	Intermediate Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.2	1.7	< 0.5	2	< 0.5
MW-57B	12/13/2012	Intermediate Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.9	0.98	< 0.5	1.8	< 0.5
MW-57B	06/20/2013	Intermediate Gaspur	Primary	< 0.5	< 0.2	0.32 J	< 0.3	< 0.4	< 0.5	< 0.2	1.7	0.71	< 0.5	1.8 J	< 0.3
MW-57B	12/12/2013	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	1.7	0.7	< 0.5	2.1	< 0.3
MW-57B	06/12/2014	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	2.4	0.25 J	< 0.5	1.3 J	< 0.3
MW-57B	12/16/2014	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	2.2	0.21 J	< 0.5	< 1	< 0.3
MW-57B	06/10/2015	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	3	< 0.2	< 0.5	< 1	< 0.3
MW-57B	12/11/2015	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	2.4	< 0.2	< 0.5	< 1	< 0.3
MW-57B	06/09/2016	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	3.5	< 0.2	< 0.5	< 1	< 0.3
MW-57B	12/02/2016	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	2.5	< 0.2	< 0.5	< 1	< 0.3
MW-57B	06/07/2017	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	1.7	< 0.2	< 0.5	< 1	< 0.3
MW-58	09/28/2011	Shallow Gaspur	Primary	< 0.5	8.2	13	< 0.5	2.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 3.3	< 0.5
MW-58	12/08/2011	Shallow Gaspur	Primary	< 0.5	14	22	0.71	3.7	< 0.5	< 0.5	< 0.5	< 0.5	0.64	2.4	< 0.5
MW-58	03/27/2012	Shallow Gaspur	Primary	< 0.5	12	23	0.66	3.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.2 J	< 0.5
MW-58	03/27/2012	Shallow Gaspur	Duplicate	< 0.5	13	21	0.77	3.6	< 0.5	< 0.5	< 0.5	< 0.5	0.61	2.2 J	< 0.5
MW-58	06/13/2012	Shallow Gaspur	Primary	< 0.5	15	28	0.7	4.7	< 0.5	< 0.5	< 0.5	< 0.5	0.8	2.1	< 0.5
MW-58	12/13/2012	Shallow Gaspur	Primary	< 0.5	8.6	45	0.82	5.3	< 0.5	< 0.5	< 0.5	< 0.5	1.4	1.8	< 0.5
MW-58	06/21/2013	Shallow Gaspur	Primary	< 0.5	3.6	26	1.6	3.8	< 0.5	0.32 J	< 0.3	0.62	0.89	2.7	< 0.3
MW-58	06/21/2013	Shallow Gaspur	Duplicate	< 0.5	3.4	25	1.5	3.7	< 0.5	0.26 J	< 0.3	0.6	0.73	2.8	< 0.3
MW-58	12/12/2013	Shallow Gaspur	Primary	< 0.5	7.2	28	2.6	4	< 0.5	< 0.2	< 0.3	0.37 J	< 0.5	8.1	< 0.3
MW-58	06/12/2014	Shallow Gaspur	Primary	< 0.5	2.7	13	7.5	1.9	0.5	0.74	< 0.3	1	< 0.5	21	< 0.3
MW-58	06/12/2014	Shallow Gaspur	Duplicate	< 0.5	2.7	13	7.5	1.8	< 0.5	0.74	< 0.3	1	< 0.5	22	< 0.3
MW-58	12/18/2014	Shallow Gaspur	Primary	< 0.5	2.1	18	3	2.4	< 0.5	0.27 J	< 0.3	0.64	< 0.5	11	< 0.3
MW-58	06/10/2015	Shallow Gaspur	Primary	< 0.5	2.9	29	1	4.1	< 0.5	< 0.2	< 0.3	< 0.2	1.4	2.3	< 0.3
MW-58	12/09/2015	Shallow Gaspur	Primary	< 0.5	0.76	21	3.6	2.5	< 0.5	0.4 J	< 0.3	1.5	0.74	6.3	< 0.3
MW-58	06/09/2016	Shallow Gaspur	Primary	< 0.5	0.56	23	2.1	2.7	< 0.5	< 0.2	< 0.3	3	< 0.5	1.3 J	< 0.3
MW-58	12/02/2016	Shallow Gaspur	Primary	< 0.5	0.37 J	20	1.8	2.2	< 0.5	< 0.2	< 0.3	4.1	< 0.5	1.7 J	< 0.3
MW-58	12/02/2016	Shallow Gaspur	Duplicate	< 0.5	0.41 J	21	1.8	2.4	< 0.5	< 0.2	< 0.3	4.7	< 0.5	1.8 J	< 0.3
MW-58	06/09/2017	Shallow Gaspur	Primary	< 0.5	0.82	22	0.65	3.8	< 0.5	< 0.2	< 0.3	1.7	< 0.5	< 1	< 0.3
MW-59A	06/13/2011	Shallow Gaspur	Primary	< 5	190	660	30	29	7.7	58	< 5	< 5	< 5	30	< 5
MW-59A	09/28/2011	Shallow Gaspur	Primary	< 5	200	740	29	33	< 5 J	61	< 5	< 5	< 5	38 J	< 5
MW-59A	09/28/2011	Shallow Gaspur	Duplicate	< 0.5	250	810	34	36	6 J	69	1.8	0.94	2.5	20 J	2
MW-59A	12/09/2011	Shallow Gaspur	Primary	< 5	140	620	15	21	< 5	52	< 5	< 5	< 5	23 J	< 5
MW-59A	03/28/2012	Shallow Gaspur	Primary	< 5	140	<									

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
 COOPER DRUM COMPANY SUPERFUND SITE
 SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-59A	06/07/2016	Shallow Gaspur	Primary	< 2.5	29	300	8.7	14	11	32	< 1.5	< 1	< 2.5	59	< 1.5
MW-59A	12/02/2016	Shallow Gaspur	Primary	< 2.5	5.4	91	1.8 J	4.6	6	9.8	< 1.5	< 1	< 2.5	34	< 1.5
MW-59B	06/13/2011	Intermediate Gaspur	Primary	< 0.5	0.57	0.88	0.62	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	5.2	< 0.5
MW-59B	09/27/2011	Intermediate Gaspur	Primary	< 0.5	1.3	5.8	0.6	< 0.5	1.9	2.3	< 0.5	< 0.5	< 0.5	7.8	< 0.5
MW-59B	12/06/2011	Intermediate Gaspur	Primary	< 0.5	0.54	1.1	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	12	< 0.5
MW-59B	03/27/2012	Intermediate Gaspur	Primary	< 0.5	0.63	2.2	2.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	13 J	< 0.5
MW-59B	06/13/2012	Intermediate Gaspur	Primary	< 0.5	0.78	2.9	2.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	15	< 0.5
MW-59B	12/14/2012	Intermediate Gaspur	Primary	< 0.5	< 0.5	< 0.5	0.91	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	6.6	< 0.5
MW-59B	06/21/2013	Intermediate Gaspur	Primary	< 0.5	0.28 J	0.77	2.6	< 0.4	< 0.5	0.38 J	< 0.3	< 0.2	< 0.5	14	< 0.3
MW-59B	12/13/2013	Intermediate Gaspur	Primary	< 0.5	< 0.2	2.1	1.1	< 0.4	< 0.5	0.71	< 0.3	< 0.2	< 0.5	4.8	< 0.3
MW-59B	06/12/2014	Intermediate Gaspur	Primary	< 0.5	0.43 J	1.7	0.94	< 0.4	< 0.5	0.88	0.32 J	< 0.2	< 0.5	5.8	< 0.3
MW-59B	12/18/2014	Intermediate Gaspur	Primary	< 0.5	0.57	1.5	1.3	< 0.4	< 0.5	0.78	0.38 J	< 0.2	< 0.5	7.1	< 0.3
MW-59B	06/09/2015	Intermediate Gaspur	Primary	< 0.5	1.1	3	1.4	< 0.4	< 0.5	1.1	1.1	< 0.2	< 0.5	6.2	< 0.3
MW-59B	12/09/2015	Intermediate Gaspur	Primary	< 0.5	1	1.7	1.6	< 0.4	< 0.5	0.62	0.83	< 0.2	< 0.5	5.9	< 0.3
MW-59B	06/09/2016	Intermediate Gaspur	Primary	< 0.5	< 0.2	0.94	3.3	< 0.4	< 0.5	0.47 J	0.61	< 0.2	< 0.5	6.4	< 0.3
MW-59B	12/02/2016	Intermediate Gaspur	Primary	< 0.5	< 0.2	0.79	2.3	< 0.4	< 0.5	0.41 J	< 0.2	< 0.5	< 0.5	8.2	< 0.3
MW-59B	06/06/2017	Intermediate Gaspur	Primary	< 0.5	< 0.2	0.7	4.2	< 0.4	< 0.5	0.42 J	< 0.3	< 0.2	< 0.5	9.4	< 0.3
MW-59C	06/13/2011	Intermediate Gaspur	Primary	< 0.5	< 0.5	0.72	< 0.5	< 0.5	< 0.5	< 0.5	2.3	< 0.5	< 0.5	< 4	< 0.5
MW-59C	09/28/2011	Intermediate Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.8	< 0.5	< 0.5	< 0.94	< 0.5
MW-59C	12/06/2011	Intermediate Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.8	< 0.5	< 0.5	< 0.95	< 0.5
MW-59C	03/26/2012	Intermediate Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.8	< 0.5	< 0.5	< 0.94 J	< 0.5
MW-59C	06/13/2012	Intermediate Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.7	< 0.5	< 0.5	< 0.94	< 0.5
MW-59C	12/11/2012	Intermediate Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	3.1	< 0.5	< 0.5	< 0.95 J	< 0.5
MW-59C	06/21/2013	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	2.2	< 0.2	< 0.5	< 1	< 0.3
MW-59C	12/13/2013	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-59C	06/12/2014	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	1.5	< 0.2	< 0.5	< 1	< 0.3
MW-59C	12/18/2014	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	0.98	< 0.2	< 0.5	< 1	< 0.3
MW-59C	06/09/2015	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	2.2	< 0.2	< 0.5	< 1	< 0.3
MW-59C	12/11/2015	Intermediate Gaspur	Primary	< 0.5	< 0.2	0.35 J	< 0.3	< 0.4	< 0.5	< 0.2	1.4	< 0.2	< 0.5	< 1	< 0.3
MW-59C	06/09/2016	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	2	< 0.2	< 0.5	< 1	< 0.3
MW-59C	12/02/2016	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	1.7	< 0.2	< 0.5	< 1	< 0.3
MW-59C	06/06/2017	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	1.2	< 0.2	< 0.5	< 1	< 0.3
MW-60A	07/27/2011	Shallow Gaspur	Primary	< 0.5	56	94	7.5	5.4	0.68	10	0.69	< 0.5	< 0.5	11	1.7
MW-60A	09/28/2011	Shallow Gaspur	Primary	< 0.5	28	52	4.9	3.4	< 0.5	4.4	< 0.5	< 0.5	< 0.5	13	0.85
MW-60A	12/08/2011	Shallow Gaspur	Primary	< 0.5	20	49	4.7	3.1	0.63	5.2	< 0.5	< 0.5	< 0.5	13	< 0.5
MW-60A	03/27/2012	Shallow Gaspur	Primary	< 0.5	26	67	8.4	4.5	0.97	7.9	< 0.5	< 0.5	< 0.5	21 J	< 0.5
MW-60A	06/12/2012	Shallow Gaspur	Primary	< 0.5	22	74	7.8	4.3	1.3	8.8	0.6	< 0.5	< 0.5	32	0.66
MW-60A	12/14/2012	Shallow Gaspur	Primary	< 0.5	20	87	8.1	4.5	2	12	0.73	< 0.5	0.54	22 J	0.87
MW-60A	06/19/2013	Shallow Gaspur	Primary	< 0.5	12	77	4.6	4	0.58	9.6	0.56	< 0.2	< 0.5	19	0.95
MW-60A	12/11/2013	Shallow Gaspur	Primary	< 0.5											

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
 COOPER DRUM COMPANY SUPERFUND SITE
 SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L	
MW-60B	07/27/2011	Lower Gaspur	Primary	< 0.5	7.7	76 J	3.1	4.6	1.1	6.2	0.78	< 0.5	< 0.5	19	< 0.5	
MW-60B	09/28/2011	Lower Gaspur	Primary	< 0.5	5.1	56	2	2.9	1.4	4.6	0.87	< 0.5	< 0.5	15	< 0.5	
MW-60B	12/08/2011	Lower Gaspur	Primary	< 0.5	5.3	60	2	3	1.9	5.2	1.1	< 0.5	< 0.5	31 J	< 0.5	
MW-60B	12/08/2011	Lower Gaspur	Primary	< 0.5	5.7	62	2	3.1	1.8	5.4	1.2	< 0.5	< 0.5	16 J	< 0.5	
MW-60B	03/27/2012	Lower Gaspur	Primary	< 0.5	5.7	68	2.4	3.6	1.8	5.3	1.3	< 0.5	< 0.5	15 J	< 0.5	
MW-60B	06/12/2012	Lower Gaspur	Primary	< 0.5	4.9	64	2.2	3.2	2.5	5.3	1.6	< 0.5	< 0.5	25	< 0.5	
MW-60B	06/12/2012	Lower Gaspur	Split	< 0.5	4.6	55 D	2.3	3.4	3.2	5.2	1.5	< 0.5	0.3 J	12	NA	
MW-60B	12/12/2012	Lower Gaspur	Primary	< 0.5	4.6	59	2.8	3.5	2	4.6	1.2	< 0.5	< 0.5	25	< 0.5	
MW-60B	12/12/2012	Lower Gaspur	Primary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25	NA	
MW-60B	06/19/2013	Lower Gaspur	Primary	< 0.5	2.3	33	1.6	2.3	0.96	3.3	0.79	< 0.2	< 0.5	15	< 0.3	
MW-60B	12/11/2013	Lower Gaspur	Primary	< 0.5	3	36	1.9	2.8	0.93	3.2	0.98	< 0.2	< 0.5	15	< 0.3	
MW-60B	06/11/2014	Lower Gaspur	Primary	< 0.5	2.8	23	1	1.5	0.5	1.9	0.69	< 0.2	< 0.5	12	< 0.3	
MW-60B	12/17/2014	Lower Gaspur	Primary	< 0.5	1.7	22	1.2	2.1	1.2	1.6	1.2	< 0.2	< 0.5	12	< 0.3	
MW-60B	06/10/2015	Lower Gaspur	Primary	< 0.5	2.3	35	2.3	3.5	2	4	2	< 0.2	< 0.5	16	< 0.3	
MW-60B	12/08/2015	Lower Gaspur	Primary	< 0.5	3.1	50	3	3.8	1.2	5.2	1.1	< 0.2	< 0.5	13	< 0.3	
MW-60B	06/07/2016	Lower Gaspur	Primary	< 0.5	2.1	17	1.4	1.5	0.59	1.7	0.6	< 0.2	< 0.5	8.5	< 0.3	
MW-60B	06/07/2016	Lower Gaspur	Duplicate	< 0.5	2	17	1.6	1.4	0.53	1.7	0.54	< 0.2	< 0.5	8.2	< 0.3	
MW-60B	11/29/2016	Lower Gaspur	Primary	< 0.5	1.7	20	1.5	1.7	0.5	1.7	0.41 J	< 0.2	< 0.5	9.7	< 0.3	
MW-60B	06/07/2017	Lower Gaspur	Primary	< 0.5	0.32 J	9	< 0.3	0.53	< 0.5	1	1	< 0.2	< 0.5	8.9	< 0.3	
MW-61A	09/26/2011	Shallow Gaspur	Primary	< 0.5	4.6	58	1.4	3.5	9	4.2	4.8	2.4	< 0.5	15 J	< 0.5	
MW-61A	12/08/2011	Shallow Gaspur	Primary	< 0.5	1.2	80	1.5	3.9	4.2	4.3	6.6	3.4	0.57	15	< 0.5	
MW-61A	03/28/2012	Shallow Gaspur	Primary	< 0.5	< 0.5	0.99	< 0.5	< 0.5	< 0.5	< 0.5	2.7	< 0.5	< 0.5	3.9 J	< 0.5	
MW-61A	06/08/2012	Shallow Gaspur	Primary	< 0.5	0.88	86	1.6	4.1	4.1	4.3	6	5.4	0.62	12 J	< 0.5	
MW-61A	12/12/2012	Shallow Gaspur	Primary	< 0.5	2.5	46	0.93	2.9	10	3.9	4	4.9	0.54	11	< 0.5	
MW-61A	06/21/2013	Shallow Gaspur	Primary	< 0.5	1.2	38	1.1	2.2	3.1	3.3	2.4	3.4	< 0.5	11	< 0.3	
MW-61A	12/12/2013	Shallow Gaspur	Primary	< 0.5	0.43 J	50	1.6	2.7	3	3.1	2.4	3.7	< 0.5	12	< 0.3	
MW-61A	12/12/2013	Shallow Gaspur	Duplicate	< 0.5	0.34 J	48	1.5	2.3	2.8	2.9	2.4	3.6	< 0.5	13	< 0.3	
MW-61A	06/09/2014	Shallow Gaspur	Primary	< 0.5	< 0.2	24	< 0.3	4.4	1.4	0.57	1.6	2.4	< 0.5	3.7	< 0.3	
MW-61A	12/17/2014	Shallow Gaspur	Primary	< 0.5	1.2	59	3.5	3	2.8	5	0.96	0.43 J	< 0.5	24	< 0.3	
MW-61A	06/09/2015	Shallow Gaspur	Primary	< 0.5	2.1	34	2	1.6	1.8	2.4	2.9	< 0.2	< 0.5	16	< 0.3	
MW-61A	12/10/2015	Shallow Gaspur	Primary	< 0.5	26	72	4.4	3.1	2.2	8.4	2.2	< 0.2	0.57	46	< 0.3	
MW-61A	06/09/2016	Shallow Gaspur	Primary	< 0.5	0.57	43	2.4	3.1	2	3.2	3.5	3.3	< 0.5	9.4	< 0.3	
MW-61A	12/01/2016	Shallow Gaspur	Primary	< 0.5	0.53	73	2.1	4.9	2.4	4.4	4.9	3	< 0.5	14	< 0.3	
MW-61A	06/06/2017	Shallow Gaspur	Primary	< 0.5	0.58	110	2.8	5.4	6.2	7.6	3.9	4.2	< 0.5	26	< 0.3	
MW-61B	09/26/2011	Intermediate Gaspur	Primary	< 0.5	< 0.5	1.4	< 0.5	< 0.5	< 0.5	< 0.5	2.6	< 0.5	< 0.5	< 4.5 J	< 0.5	
MW-61B	12/06/2011	Intermediate Gaspur	Primary	< 0.5	< 0.5	1.3	< 0.5	< 0.5	< 0.5	< 0.5	3	< 0.5	< 0.5	4.1	< 0.5	
MW-61B	03/26/2012	Intermediate Gaspur	Primary	< 0.5	< 0.5	0.94	< 0.5	< 0.5	< 0.5	0.56	< 0.5	2.9	< 0.5	< 0.5	3.6 J	< 0.5
MW-61B	03/26/2012	Intermediate Gaspur	Duplicate	< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5	0.59	< 0.5	2.9	< 0.5	< 0.5	3.6 J	< 0.5
MW-61B	06/08/2012	Intermediate Gaspur	Primary	< 0.5	< 0.5	0.9	< 0.5	< 0.5	< 0.5	0.85	< 0.5	3.3	< 0.5	< 0.5	4 J	< 0.

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
 COOPER DRUM COMPANY SUPERFUND SITE
 SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-61B	06/06/2017	Intermediate Gaspur	Primary	< 0.5	< 0.2	2.8	< 0.3	< 0.4	0.6	< 0.2	< 0.3	< 0.2	1.2	2.3	< 0.3
MW-62A	07/26/2011	Shallow Gaspur	Primary	< 0.5	4.7	32	< 0.5	6.4	< 0.5	< 0.5	2.5	3.2	< 0.5	1.1	< 0.5
MW-62A	07/26/2011	Shallow Gaspur	Duplicate	< 0.5	4.2	29	< 0.5	5.8	< 0.5	< 0.5	2.3	3	< 0.5	1	< 0.5
MW-62A	09/27/2011	Shallow Gaspur	Primary	< 0.5	3.4	33	< 0.5	6.2	< 0.5	< 0.5	2.3	3	< 0.5	< 1.2	< 0.5
MW-62A	12/07/2011	Shallow Gaspur	Primary	< 0.5	3.1	31	< 0.5	6.1	< 0.5	< 0.5	2.2	2.5	< 0.5	1.4	< 0.5
MW-62A	03/27/2012	Shallow Gaspur	Primary	< 0.5	3.1	26	< 0.5	5	< 0.5	< 0.5	2.2	2.4	< 0.5	1.2 J	< 0.5
MW-62A	06/12/2012	Shallow Gaspur	Primary	< 0.5	2.2	25	< 0.5	4.2	< 0.5	< 0.5	2.2	2.5	< 0.5	1.2	< 0.5
MW-62A	12/14/2012	Shallow Gaspur	Primary	< 0.5	2.3	30	< 0.5	6.2	0.52	< 0.5	1.6	2.7	< 0.5	1.6	< 0.5
MW-62A	06/19/2013	Shallow Gaspur	Primary	< 0.5	1.2	23	< 0.3	4.6	< 0.5	0.3 J	1.4	1.8	< 0.5	1.5 J	< 0.3
MW-62A	12/11/2013	Shallow Gaspur	Primary	< 0.5	1.1	23	< 0.3	4.4	< 0.5	< 0.2	1.3	1.3	< 0.5	1.5 J	< 0.3
MW-62A	06/11/2014	Shallow Gaspur	Primary	< 0.5	3.5	22	< 0.3	6.3	< 0.5	< 0.2	1.5	1.4	< 0.5	1.6 J	< 0.3
MW-62A	12/17/2014	Shallow Gaspur	Primary	< 0.5	3.5	23	< 0.3	8.8	< 0.5	< 0.2	1.7	1.1	< 0.5	< 1	< 0.3
MW-62A	06/10/2015	Shallow Gaspur	Primary	< 0.5	4	23	0.31 J	10	< 0.5	< 0.2	3.4	1.4	< 0.5	< 1	< 0.3
MW-62A	12/08/2015	Shallow Gaspur	Primary	< 0.5	3.3	27	< 0.3	11	< 0.5	< 0.2	2.3	1.1	< 0.5	< 1	< 0.3
MW-62A	12/08/2015	Shallow Gaspur	Duplicate	< 0.5	3.3	27	< 0.3	11	< 0.5	< 0.2	2.4	1.1	< 0.5	< 1	< 0.3
MW-62A	06/07/2016	Shallow Gaspur	Primary	< 0.5	1.8	21	< 0.3	8.6	< 0.5	< 0.2	1.9	< 0.2	< 0.5	< 1	< 0.3
MW-62A	11/29/2016	Shallow Gaspur	Primary	< 0.5	1.3	20	< 0.3	7.9	< 0.5	0.69	1.9	0.42 J	< 0.5	1.2 J	< 0.3
MW-62A	06/07/2017	Shallow Gaspur	Primary	< 0.5	0.34 J	2.7	< 0.3	0.85	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-62B	09/28/2011	Lower Gaspur	Primary	< 0.5	44	62	< 0.5	27	< 0.5	< 0.5	7.6	20	< 0.5	< 0.95	< 0.5
MW-62B	12/08/2011	Lower Gaspur	Primary	< 0.5	44	61	0.5	25	< 0.5	< 0.5	8.3	20	< 0.5	< 0.95	< 0.5
MW-62B	03/28/2012	Lower Gaspur	Primary	< 0.5	45	72	0.52	28	0.63	< 0.5	7.7	21	< 0.5	< 0.94 J	< 0.5
MW-62B	06/12/2012	Lower Gaspur	Primary	< 0.5	15	90	0.57	25	< 0.5	< 0.5	7.5	20	< 0.5	< 0.94	< 0.5
MW-62B	12/11/2012	Lower Gaspur	Primary	< 0.5	0.74	76	0.52	19	1.3	< 0.5	6.7	13	< 0.5	< 0.95	< 0.5
MW-62B	06/19/2013	Lower Gaspur	Primary	< 0.5	11	41	0.36 J	13	1.3	< 0.2	3.6	9.7	< 0.5	< 1 J	< 0.3
MW-62B	12/11/2013	Lower Gaspur	Primary	< 0.5	1.5	46	0.51	14	1.7	< 0.2	3.4	10	< 0.5	< 1	< 0.3
MW-62B	06/11/2014	Lower Gaspur	Primary	< 0.5	6.4	30	< 0.3	7.5	0.75	< 0.2	2.1	5.6	< 0.5	< 1	< 0.3
MW-62B	12/17/2014	Lower Gaspur	Primary	< 0.5	3.1	20	< 0.3	3.8	0.56	< 0.2	2	2	< 0.5	< 1	< 0.3
MW-62B	06/10/2015	Lower Gaspur	Primary	< 0.5	6.6	18	< 0.3	4.2	0.82	< 0.2	3.7	1.6	< 0.5	< 1	< 0.3
MW-62B	12/08/2015	Lower Gaspur	Primary	< 0.5	7.3	13	< 0.3	2.7	0.73	< 0.2	2.9	0.51	< 0.5	< 1	< 0.3
MW-62B	06/07/2016	Lower Gaspur	Primary	< 0.5	6.7	10	< 0.3	2.4	0.76	< 0.2	1.9	0.86	< 0.5	< 1	< 0.3
MW-62B	11/29/2016	Lower Gaspur	Primary	< 0.5	4.9	8.7	< 0.3	2.6	1.3	< 0.2	2.5	0.66	< 0.5	< 1	< 0.3
MW-62B	06/07/2017	Lower Gaspur	Primary	< 0.5	4.2	9.6	< 0.3	1.7	0.89	< 0.2	2.5	< 0.2	< 0.5	< 1	< 0.3
PZ-7A	08/11/2011	Shallow Gaspur	Primary	< 0.5	7.2	20	< 0.5	1.4	< 0.5	0.53	2.8	1.7	< 0.5	2.7	< 0.5
PZ-7A	09/27/2011	Shallow Gaspur	Primary	< 0.5	5.6	25	< 0.5	1.7	< 0.5	0.64	2.6	1.5	< 0.5	< 2.9	< 0.5
PZ-7A	12/07/2011	Shallow Gaspur	Primary	< 0.5	4.4	30	< 0.5	2.4 J	< 0.5	0.63	3.1	1.6	< 0.5	2.2	< 0.5
PZ-7A	12/07/2011	Shallow Gaspur	Duplicate	< 0.5	4.6	23	< 0.5	1.7 J	< 0.5	0.5	3.2	1.5	< 0.5	2.3	< 0.5
PZ-7A	03/27/2012	Shallow Gaspur	Primary	< 0.5	3.1	27	< 0.5	2	< 0.5	< 0.5	2.7	1.9	< 0.5	2.5 J	< 0.5
PZ-7A	06/12/2012	Shallow Gaspur	Primary	< 0.5	2.5	30	< 0.5	2	< 0.5	0.54	3.2 J	2.5	< 0.5	2.2	< 0.5
PZ-7A	12/13/2012	Shallow Gaspur	Primary	< 0.5	1.4	26	< 0.5	1.6	< 0.5	0.53	3.2	1.6	< 0.5	< 2.6	< 0.5
PZ-7A	06/19														

TABLE V

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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
PZ-7B	08/11/2011	Intermediate Gaspur	Primary	< 0.5	5.7	27 J	< 0.5	3.5	< 0.5	< 0.5	3	2.6	< 0.5	2.1	< 0.5
PZ-7B	09/27/2011	Intermediate Gaspur	Primary	< 0.5	5	39	< 0.5	4.3	< 0.5	< 0.5	2.9	3.2	< 0.5	< 2.6	< 0.5
PZ-7B	12/07/2011	Intermediate Gaspur	Primary	< 0.5	2.8	37	< 0.5	4	< 0.5	< 0.5	2.8	2.8	< 0.5	2.1	< 0.5
PZ-7B	03/27/2012	Intermediate Gaspur	Primary	< 0.5	2.4	33	< 0.5	4.5	< 0.5	< 0.5	2.9	2.8	< 0.5	1.9 J	< 0.5
PZ-7B	06/13/2012	Intermediate Gaspur	Primary	< 0.5	1.1 J	25	< 0.5	2.3	< 0.5	< 0.5	2.6	2	< 0.5	2.1	< 0.5
PZ-7B	12/13/2012	Intermediate Gaspur	Primary	< 0.5	0.98	32	< 0.5	3.8	0.75	< 0.5	3.5	2.4	< 0.5	< 2	< 0.5
PZ-7B	12/13/2012	Intermediate Gaspur	Duplicate	< 0.5	0.98	31	< 0.5	3.6	0.73	< 0.5	3.4	2.4	< 0.5	< 2	< 0.5
PZ-7B	06/19/2013	Intermediate Gaspur	Primary	< 0.5	0.52	34	< 0.3	5.5	0.97	0.36 J	2.4	3	< 0.5	2	< 0.3
PZ-7B	12/11/2013	Intermediate Gaspur	Primary	< 0.5	0.67	33	0.34 J	6	1	< 0.2	1.9	3.2	< 0.5	1.8 J	< 0.3
PZ-7B	06/11/2014	Intermediate Gaspur	Primary	< 0.5	0.81	38	< 0.3	6	0.76	< 0.2	1.5	3.8	< 0.5	2.1	< 0.3
PZ-7B	12/17/2014	Intermediate Gaspur	Primary	< 0.5	0.54	26	< 0.3	4.8	1.2	< 0.2	1.3	1.8	< 0.5	1.5 J	< 0.3
PZ-7B	06/10/2015	Intermediate Gaspur	Primary	< 0.5	1.3	32	< 0.3	9.6	0.89	0.37 J	3.4	3.6	< 0.5	< 1	< 0.3
PZ-7B	06/10/2015	Intermediate Gaspur	Duplicate	< 0.5	1.5	30	< 0.3	9.3	0.81	< 0.2	3.4	3.4	< 0.5	< 1	< 0.3
PZ-7B	12/09/2015	Intermediate Gaspur	Primary	< 0.5	1.2	38	< 0.3	11	1.2	< 0.2	3.2	4.3	< 0.5	< 1	< 0.3
PZ-7B	06/07/2016	Intermediate Gaspur	Primary	< 0.5	0.95	27	0.3 J	9.9	0.95	< 0.2	2.2	3.3	< 0.5	< 1	< 0.3
PZ-7B	11/29/2016	Intermediate Gaspur	Primary	< 0.5	1.8	22	< 0.3	7.6	1.6	0.91	1.8	1.1	< 0.5	1.7 J	< 0.3
PZ-7B	11/29/2016	Intermediate Gaspur	Duplicate	< 0.5	1.9	24	< 0.3	8.4	1.6	0.85	2	1.3	< 0.5	2	< 0.3
PZ-7B	06/07/2017	Intermediate Gaspur	Primary	< 0.5	0.49 J	3.7	< 0.3	4	8.1	< 0.2	1.1	1.9	< 0.5	< 1	< 0.3
EW-2	12/01/2000	Shallow Gaspur	Primary	< 1	150	170	9	10	1.7	20	5.4	2	3	NA	NA
EW-2	03/01/2001	Shallow Gaspur	Primary	0.6 J	130	110	10 J	12	2.4	20	< 0.5	2	4	NA	NA
EW-2	05/01/2003	Shallow Gaspur	Primary	< 50	86	1300 J	46 J	39 J	12 J	260	46 J	20	< 50 *	NA	NA
EW-2	12/01/2003	Shallow Gaspur	Primary	< 1	16	1200	72	55	13	320	36	15	11	NA	NA
EW-2	02/01/2004	Shallow Gaspur	Primary	< 5	140	1000	56	44	12	230	39	14	13	NA	NA
EW-2	04/04/2004	Shallow Gaspur	Primary	< 0.5	270	1200	54 E	63 J	84 J	280	48 E	20	15	710	NA
EW-2	07/01/2004	Shallow Gaspur	Primary	< 2	130 D	390 D	27	51	460 D	250 D	39	14	11	NA	NA
EW-2	11/01/2004	Shallow Gaspur	Primary	< 0.5	130 D	210 D	34 E	72 JD	1100 D	240 D	41 E	20	15 J	700	NA
EW-2	04/01/2005	Shallow Gaspur	Primary	< 0.5	59 D	94 D	12	48 D	310 D	220 D	24	20	12	530	NA
EW-2	11/01/2005	Shallow Gaspur	Primary	< 0.5	190	120	25	59	430	250	22	16	11	510	NA
EW-2	03/01/2006	Shallow Gaspur	Primary	< 0.5	42 D	20	4.1	42 D	190 D	200 D	16	12	11	550	NA
EW-2	08/01/2006	Shallow Gaspur	Primary	< 0.5	30 D	46 D	5.4	40 D	110 D	200 D	21	13	9.1	430	NA
EW-2	03/01/2008	Shallow Gaspur	Primary	< 0.5	11	10	0.69	32 D	29 D	130 D	13	10	6	290 D	NA
EW-2	05/14/2009	Shallow Gaspur	Primary	< 0.5	29 D	94 D	2.4 J	23 D	58 D	120 D	16	10	8.1	160 D	NA
EW-2	07/15/2010	Shallow Gaspur	Primary	< 0.5	20	140	2.4	14	35 J	73 J	14	5.8	5.7	87 J	2
EW-2	07/23/2012	Shallow Gaspur	Primary	< 0.5	12	25	2.4	1.5	3.1	4.5	1.4	1.5	< 0.5	12	< 0.5
EW-2	08/17/2012	Shallow Gaspur	Primary	< 0.5	9.2	25	2.9	1.6	4.6	4.9	1.4	1.7	< 0.5	12 J	< 0.5
EW-2	08/24/2012	Shallow Gaspur	Primary	< 0.5	9.9	29	2.4	1.5	3.7	5.1	1.3	1.6	0.5	9.8 J	< 0.5
EW-2	09/07/2012	Shallow Gaspur	Primary	< 0.5	17	42	2.9	2.4	2.6	6.1	1.2	1.8	< 0.5	15 J	< 0.5
EW-2	09/14/2012	Shallow Gaspur	Primary	< 0.5	16	42	2.6	2.3	3.5	5.9	1.3	1.8	0.86	14 J	0.58
EW-2	02/28/2013	Shallow Gaspur	Primary	< 0.5	13	52	3.5	2.9	3.8	6.2	2	5.8	0.77	16	< 0.5
EW-2	03/08/2013	Shallow Gaspur	Primary	< 1	13	40	2.4 J	2.5	2.8	5.1					

TABLE V

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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
EW-2	06/10/2016	Shallow Gaspur	Primary	< 0.5	2.3	17	4.9	1.2	2	2.1	0.42 J	2.5	< 0.5	17	< 0.3
EW-2	12/01/2016	Shallow Gaspur	Primary	< 0.5	1.9	19	4.6	1.3	2.2	2.1	0.38 J	2.7	< 0.5	18	< 0.3
EW-2	06/07/2017	Shallow Gaspur	Primary	< 0.5	0.48 J	11	2.8	0.82	3	1.7	0.42 J	2.7	< 0.5	17	< 0.3
EW-4	07/26/2011	Shallow/Intermediate	Primary	< 0.5	1	43	< 0.5	4.4	< 0.5	1.3	2.2	5.2	< 0.5	8.1	< 0.5
EW-4	02/28/2013	Shallow/Intermediate	Primary	< 0.5	1.9	45	0.82	2	2.2	2	3.6	5.2	< 0.5	8.8	< 0.5
EW-4	03/08/2013	Shallow/Intermediate	Primary	< 1	3.4	36	< 1 J	2.3	2	2.4	2.6	4	< 1	9.8	< 1
EW-4	03/15/2013	Shallow/Intermediate	Primary	< 1	3.5	40	1.2	2.4	2.4	2.7	3.3	3.5	< 1	9.9	< 1
EW-4	03/22/2013	Shallow/Intermediate	Primary	< 1	4.1	43	1.3	2.5	2.8	3	3.4	3.5	< 1	11	< 1 J
EW-4	06/21/2013	Shallow/Intermediate	Primary	< 0.5	5.4	43	2	2.5	2	4.2	2	2.2	< 0.5	15	< 0.3
EW-4	12/13/2013	Shallow/Intermediate	Primary	< 0.5	5.5	48	2.6	3.2	2	4.7	1.6	1.2	< 0.5	17	< 0.3
EW-4	06/12/2014	Shallow/Intermediate	Primary	< 0.5	1.9	44	2	3.4	1.3	3.1	1.4	1.2	< 0.5	20	< 0.3
EW-4	12/17/2014	Shallow/Intermediate	Primary	< 0.5	0.76	28	1.2	2	0.92	1.4	1.2	0.7	< 0.5	14	< 0.3
EW-4	06/11/2015	Shallow/Intermediate	Primary	< 0.5	4.4	40	2	4.8	2.1	3.1	3.2 J	1.5	< 0.5	15	< 0.3
EW-4	12/09/2015	Shallow/Intermediate	Primary	< 0.5	0.63	41	1.4	6.7	2.2	2.4	3.9	2.2	< 0.5	6.2	< 0.3
EW-4	06/10/2016	Shallow/Intermediate	Primary	< 0.5	0.61	41	1.4	4.9	2.1	2.1	3.9	2.7	< 0.5	2.9	< 0.3
EW-4	12/01/2016	Shallow/Intermediate	Primary	< 0.5	0.56	39	1.3	4.7	4.1	2	3.2	1.6	< 0.5	7.4	< 0.3
EW-4	06/09/2017	Shallow/Intermediate	Primary	< 0.5	0.4 J	38	0.91	3.4	1.6	2	2.5	1.4	< 0.5	10	< 0.3
EW-4	06/09/2017	Shallow/Intermediate	Duplicate	< 0.5	0.42 J	41	0.87	4.6	1.5	2.2	2.8	1.6	< 0.5	11	< 0.3
EW-5	06/19/2013	Shallow Gaspur	Primary	< 0.5	18	59	5.7	3.3	0.87	9.4	0.45 J	< 0.2	< 0.5	29	< 0.3
EW-5	12/11/2013	Shallow Gaspur	Primary	< 0.5	10	4.7	0.48 J	< 0.4	< 0.5	0.32 J	< 0.3	< 0.2	< 0.5	< 1	< 0.3
EW-5	06/11/2014	Shallow Gaspur	Primary	< 0.5	5.2	12	0.95	0.78	< 0.5	0.6	< 0.3	< 0.2	< 0.5	5.9	< 0.3
EW-5	12/17/2014	Shallow Gaspur	Primary	< 0.5	6.1	3.9	0.4 J	< 0.4	< 0.5	0.25 J	< 0.3	< 0.2	< 0.5	2	< 0.3
EW-5	12/09/2015	Shallow Gaspur	Primary	< 0.5	10	24	1.4	1.4	< 0.5	1.3	1.8	< 0.2	< 0.5	16	< 0.3
EW-5	12/16/2015	Shallow Gaspur	Primary	< 0.5	9.4	23	1.3	1.7	< 0.5	1.1	1.5	< 0.2	< 0.5	14	< 0.3
EW-5	12/23/2015	Shallow Gaspur	Primary	< 0.5	10	34	2.2	1.9	< 0.5	2.1	1.8	0.3 J	< 0.5	18	< 0.3
EW-5	12/30/2015	Shallow Gaspur	Primary	< 0.5	9.5	25	1.6	1.7	0.56	1.8	< 0.3	< 0.2	< 0.5	17	< 0.3
EW-5	06/08/2016	Shallow Gaspur	Primary	< 0.5	9.1	26	1.9	1.4	< 0.5	1.9	1.7	< 0.2	< 0.5	11	< 0.3
EW-5	12/02/2016	Shallow Gaspur	Primary	< 0.5	13	20	1.5	1.1	< 0.5	1.4	< 0.3	< 0.2	< 0.5	13	< 0.3
EW-5	06/07/2017	Shallow Gaspur	Primary	< 0.5	11	15	1.3	0.71	< 0.5	1.8	< 0.3	< 0.2	< 0.5	15	< 0.3
EW-7A	06/19/2013	Shallow/Intermediate	Primary	< 0.5	3.1	41	0.55	3.7	< 0.5	1.2	2	2.3	< 0.5	5.2	< 0.3
EW-7A	12/11/2013	Shallow/Intermediate	Primary	< 0.5	1.8	35	0.51	4.4	< 0.5	0.72	2.1	3.9	< 0.5	3.4	< 0.3
EW-7A	12/11/2013	Shallow/Intermediate	Duplicate	< 0.5	1.8	36	0.51	4.4	< 0.5	0.56	2.1	4	< 0.5	3.4	< 0.3
EW-7A	06/11/2014	Shallow/Intermediate	Primary	< 0.5	0.94	36	0.38 J	3.3	< 0.5	0.38 J	1.6	2.3	< 0.5	4.5	< 0.3
EW-7A	12/17/2014	Shallow/Intermediate	Primary	< 0.5	0.82	33	< 0.3	3.5	< 0.5	0.48 J	1.4	2.3	< 0.5	2.5	< 0.3
EW-7A	12/17/2014	Shallow/Intermediate	Duplicate	< 0.5	0.88	34	0.36 J	3.6	< 0.5	0.49 J	1.7	2.2	< 0.5	2.6	< 0.3
EW-7A	12/09/2015	Shallow/Intermediate	Primary	< 0.5	1.4	27	< 0.3	5.6	< 0.5	< 0.2	1.9	3.1	< 0.5	1 J	< 0.3
EW-7A	12/10/2015	Shallow/Intermediate	Primary	< 0.5	1.3	30	< 0.3	6.3	< 0.5	0.3 J	1.8	2.6	< 0.5	< 1	< 0.3
EW-7A	12/10/2015	Shallow/Intermediate	Duplicate	< 0.5	1.4	31	< 0.3	6.6	< 0.5	0.26 J	1.8	2.7	< 0.5	< 1	< 0.3
EW-7A	12/16/2015	Shallow/Intermediate	Primary	< 0.5	1.4	25	< 0.3	5.7	< 0.5	< 0.2	2.1	2.9	< 0.5	< 1	< 0.3
EW-7A	12														

TABLE V

**ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLE
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA**

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
 COOPER DRUM COMPANY SUPERFUND SITE
 SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
SAIA-MW3B	03/24/2014	Intermediate Gaspur	Primary	< 25	6700 J	7000	18 J	120	< 25	49	< 25	< 25	< 25	110	< 25
SAIA-MW3B	08/26/2014	Intermediate Gaspur	Primary	< 0.5	6600	9100	20	230 J	47	72	2.1	1.5	< 0.5	86	< 0.5
SAIA-MW3B	07/13/2016	Intermediate Gaspur	Primary	< 25	3500	4600	< 25	340	< 25	23 J	< 25	< 25	< 25	3.9	< 25
SAIA-MW3C	03/24/2014	Lower Gaspur	Primary	< 0.5	2.1	38	< 0.5	2.5	< 0.5	0.2	1.8	< 0.5	0.23	1.5	< 0.5
SAIA-MW3C	03/24/2014	Lower Gaspur	Duplicate	< 0.5	2	37	< 0.5	2.5	< 0.5	0.2	1.6	< 0.5	0.25	1.6	< 0.5
SAIA-MW3C	08/26/2014	Lower Gaspur	Primary	< 0.5	6	27	< 0.5	2.6	6.1	0.25 J	2.1	0.085 J	0.27 J	< 0.46	< 0.5
SAIA-MW3C	07/13/2016	Lower Gaspur	Primary	< 0.5	5.7	49	< 0.5	5.4	< 0.5	0.51	2.8	< 0.5	< 0.5	6.1	< 0.5
SAIA-MW4A	03/25/2014	Shallow Gaspur	Primary	< 0.5	0.53	4.7	< 0.5	0.19	< 0.5	0.32	< 0.5	< 0.5	< 0.5	1.6	< 0.5
SAIA-MW4A	08/26/2014	Shallow Gaspur	Primary	< 0.5	0.19 J	0.72	< 0.5	< 0.5	< 0.5	0.34 J	< 0.5	< 0.5	< 0.5	1.8	< 0.5
SAIA-MW4A	07/22/2016	Shallow Gaspur	Primary	< 0.5	< 0.5	0.16 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
SAIA-MW4B	03/25/2014	Intermediate Gaspur	Primary	< 25	790	4200	< 25	130	< 25	15 J	< 25	< 25	< 25	58	< 25
SAIA-MW4B	08/26/2014	Intermediate Gaspur	Primary	< 0.5	150 J	4800	6.6	180 J	6.5	18	0.72	0.55	< 0.5	60	< 0.5
SAIA-MW4B	08/26/2014	Intermediate Gaspur	Duplicate	< 0.5	150 J	4800	6.6	180 J	6.5	18	0.69	0.55	< 0.5	59	< 0.5
SAIA-MW4B	07/22/2016	Intermediate Gaspur	Primary	< 10	6.6 J	4200	< 10	210	< 10	16	< 10	< 10	< 10	62 J	< 10
SAIA-MW4C	03/25/2014	Lower Gaspur	Primary	< 10	3.9 J	910	< 10	53	< 10	3.6 J	< 10	< 10	< 10	14	< 10
SAIA-MW4C	08/26/2014	Lower Gaspur	Primary	< 0.5	3.4	910	1.3	73	11	4.1	2.1	0.19 J	0.3 J	11	< 0.5
SAIA-MW4C	07/22/2016	Lower Gaspur	Primary	< 2.5	2.7	870	< 2.5	120	45	5.9	2 J	< 2.5	< 2.5	7.7	< 2.5
SAIA-MW5A	03/25/2014	Shallow Gaspur	Primary	< 5	1.8 J	530	< 5	21	< 5	< 5	< 5	< 5	< 5	2.4	< 5
SAIA-MW5A	08/27/2014	Shallow Gaspur	Primary	< 0.5	1.9	520	0.89	24 J	0.72	0.42 J	< 0.5	< 0.5	< 0.5	2.3	< 0.5
SAIA-MW5A	07/20/2016	Shallow Gaspur	Primary	< 0.5	1.3	210	< 0.5	19	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1	< 0.5
SAIA-MW5A	07/20/2016	Shallow Gaspur	Duplicate	< 0.5	1.2	220	0.66	17	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.3	< 0.5
SAIA-MW5B	03/25/2014	Intermediate Gaspur	Primary	< 25	380	3100	< 25	98	< 25	< 25	< 25	< 25	< 25	16	< 25
SAIA-MW5B	08/27/2014	Intermediate Gaspur	Primary	< 0.5	99 J	3600	5.5	120 J	4.5	9.5	0.52	0.36 J	< 0.5	23	< 0.5
SAIA-MW5B	07/21/2016	Intermediate Gaspur	Primary	< 2.5	3	2100	< 2.5	79	20	6.5	< 2.5	< 2.5	< 2.5	30 J	< 2.5
SAIA-MW5C	03/25/2014	Lower Gaspur	Primary	< 4	6.5	300	< 4	21	< 4	< 4	2 J	< 4	< 4	3.4	< 4
SAIA-MW5C	08/27/2014	Lower Gaspur	Primary	< 0.5	4.8	320	0.8	25	< 0.5	0.64	1.9	0.18 J	0.26 J	3.2	< 0.5
SAIA-MW5C	07/21/2016	Lower Gaspur	Primary	< 0.5	1.6	95	< 0.5	11	< 0.5	< 0.5	1.6	< 0.5	< 0.5	2.4	< 0.5
SAIA-MW6A	03/24/2014	Shallow Gaspur	Primary	< 0.5	0.087	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.52	< 0.5
SAIA-MW6A	08/27/2014	Shallow Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.53	< 0.5
SAIA-MW6A	07/20/2016	Shallow Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
SAIA-MW6B	03/24/2014	Intermediate Gaspur	Primary	< 0.5	3.7	13	< 0.5	3.9	< 0.5	< 0.5	0.12	< 0.5	< 0.5	< 0.5	< 0.5
SAIA-MW6B	08/27/2014	Intermediate Gaspur	Primary	< 0.5	3.6	14	< 0.5	5.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.26 J	< 0.5
SAIA-MW6B	07/20/2016	Intermediate Gaspur	Primary	< 0.5	2.7	14	< 0.5	3.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
SAIA-MW6C	03/24/2014	Lower Gaspur	Primary	< 0.5	2	17	< 0.5	2.3	< 0.5	< 0.5	0.2	< 0.5	< 0.5	0.52	< 0.5
SAIA-MW6C	08/27/2014	Lower Gaspur	Primary	< 0.5	2.4	21	< 0.5	2.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.52	< 0.5
SAIA-MW6C	07/20/2016	Lower Gaspur	Primary	< 0.5	2	17	< 0.5	2.9	< 0.5	1.2	< 0.5	0.31 J	< 0.5	< 0.5	< 0.5
SAIA-MW7	03/27/2014	Exposition	Primary	< 0.5	24 J	16	< 0.5	1.1	< 0.5	0.3	0.96	< 0.5	< 0.5	1.9	< 0.5
SAIA-MW7	03/27/2014	Exposition	Duplicate	< 0.5	22 J	17	< 0.5	1.1	< 0.5	0.37	1.1	< 0.5	< 0.5	2	< 0.5
SAIA-MW7	08/25/2014	Exposition	Primary	< 0.5	22	57	0.65	2.5	1.3	0.67	1.6	0.14 J	< 0.5	3.6	< 0.5

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Aquifer	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
SAIA-MW8	03/24/2014	Exposition	Primary	< 0.5	0.53	0.83	< 0.5	0.08	< 0.5	< 0.5	0.18	< 0.5	< 0.5	< 0.5	< 0.5
SAIA-MW8	08/25/2014	Exposition	Primary	< 0.5	3.9	1.9	< 0.5	0.2 J	< 0.5	< 0.5	0.62	< 0.5	< 0.5	0.16 J	< 0.5
SAIA-MW8	07/21/2016	Exposition	Primary	< 0.5	1.3	2.2	< 0.5	0.31 J	< 0.5	< 0.5	0.78	< 0.5	< 0.5	< 0.5	< 0.5

Notes:

1. Results reported in micrograms per liter (µg/L).
2. Samples collected 2010-2012 were reported by AMEC. Analytical results and associated data qualifiers for samples collected prior to 2010 were reported by others.
3. Detected concentrations are shown in **BOLD** font.
4. Estimated and dilution values are shown for April 2005 sampling results.
5. "Split" groundwater samples collected by United States Environmental Protection Agency (U.S. EPA).

Abbreviations:

< = Not detected at or above laboratory reporting limit shown	PCE = Tetrachloroethene
B = Analyte found in associated method blank as well as in sample	TCE = Trichloroethene
D = Detection associated with sample dilution	cDCE = cis-1,2-Dichloroethene
DJ = Estimated value; Detection associated with sample dilution	1,1-DCE = 1,1-Dichloroethene
E = Concentration exceeds upper level of instrument calibration range	tDCE = trans-1,2-Dichloroethene
EJ = Estimated value; concentration exceeds upper level of instrument calibration range	VC = Vinyl Chloride
J = Estimated value	1,1-DCA = 1,1-Dichloroethane
NA = Not analyzed	1,2-DCA = 1,2-Dichloroethane
UJ = Estimated value; value is below detection limit	1,2-DCP = 1,2-Dichloropropane
R = Rejected - R qualifiers added during validation indicate a data limitation related to a quality control element that exceeds required acceptance limits.	1,2,3-TCP = 1,2,3-Trichloropropane